



Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQG15HHR15G02	150	±2%	150mA	2.99	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR15H02	150	±3%	150mA	2.99	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR15J02	150	±5%	150mA	2.99	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR18G02	180	±2%	150mA	3.38	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR18H02	180	±3%	150mA	3.38	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR18J02	180	±5%	150mA	3.38	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR22G02	220	±2%	120mA	3.77	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR22H02	220	±3%	120mA	3.77	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR22J02	220	±5%	120mA	3.77	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR27G02	270	±2%	110mA	4.94	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR27H02	270	±3%	110mA	4.94	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HHR27J02	270	±5%	110mA	4.94	0402 (1005)	Powertrain/Safety	50 MHz - 20 GHz
LQG15HN1N0B02	1	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N0C02	1	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N0S02	1	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N1B02	1.1	±0.1nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N1C02	1.1	±0.2nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N1S02	1.1	±0.3nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N2B02	1.2	±0.1nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N2C02	1.2	±0.2nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N2S02	1.2	±0.3nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N3B02	1.3	±0.1nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N3C02	1.3	±0.2nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N3S02	1.3	±0.3nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N5B02	1.5	±0.1nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N5C02	1.5	±0.2nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N5S02	1.5	±0.3nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N6B02	1.6	±0.1nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N6C02	1.6	±0.2nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N6S02	1.6	±0.3nH	1000mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N8B02	1.8	±0.1nH	900mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N8C02	1.8	±0.2nH	900mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN1N8S02	1.8	±0.3nH	900mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N0B02	2	±0.1nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N0C02	2	±0.2nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N0S02	2	±0.3nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N2B02	2.2	±0.1nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N2C02	2.2	±0.2nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N2S02	2.2	±0.3nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N4B02	2.4	±0.1nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N4C02	2.4	±0.2nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N4S02	2.4	±0.3nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N7B02	2.7	±0.1nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N7C02	2.7	±0.2nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN2N7S02	2.7	±0.3nH	800mA	0.1	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N0B02	3	±0.1nH	800mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N0C02	3	±0.2nH	800mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N0S02	3	±0.3nH	800mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N3B02	3.3	±0.1nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N3C02	3.3	±0.2nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N3S02	3.3	±0.3nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N6B02	3.6	±0.1nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N6C02	3.6	±0.2nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N6S02	3.6	±0.3nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N9B02	3.9	±0.1nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N9C02	3.9	±0.2nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN3N9S02	3.9	±0.3nH	700mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N3B02	4.3	±0.1nH	700mA	0.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N3C02	4.3	±0.2nH	700mA	0.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N3S02	4.3	±0.3nH	700mA	0.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N7B02	4.7	±0.1nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N7C02	4.7	±0.2nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN4N7S02	4.7	±0.3nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N1B02	5.1	±0.1nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N1C02	5.1	±0.2nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N1S02	5.1	±0.3nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N6B02	5.6	±0.1nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N6C02	5.6	±0.2nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN5N6S02	5.6	±0.3nH	600mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N2B02	6.2	±0.1nH	600mA	0.19	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N2C02	6.2	±0.2nH	600mA	0.19	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N2S02	6.2	±0.3nH	600mA	0.19	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N8G02	6.8	±2%	600mA	0.21	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N8H02	6.8	±3%	600mA	0.21	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN6N8J02	6.8	±5%	600mA	0.21	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN7N5G02	7.5	±2%	500mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN7N5H02	7.5	±3%	500mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN7N5J02	7.5	±5%	500mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN8N2G02	8.2	±2%	500mA	0.25	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN8N2H02	8.2	±3%	500mA	0.25	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN8N2J02	8.2	±5%	500mA	0.25	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN9N1G02	9.1	±2%	500mA	0.27	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN9N1H02	9.1	±3%	500mA	0.27	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN9N1J02	9.1	±5%	500mA	0.27	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN10NG02	10	±2%	500mA	0.29	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN10NH02	10	±3%	500mA	0.29	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN10NJ02	10	±5%	500mA	0.29	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN12NG02	12	±2%	400mA	0.4	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN12NH02	12	±3%	400mA	0.4	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN12NJ02	12	±5%	400mA	0.4	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN15NG02	15	±2%	400mA	0.45	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN15NH02	15	±3%	400mA	0.45	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN15NJ02	15	±5%	400mA	0.45	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN18NG02	18	±2%	350mA	0.51	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN18NH02	18	±3%	350mA	0.51	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN18NJ02	18	±5%	350mA	0.51	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN22NG02	22	±2%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN22NH02	22	±3%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN22NJ02	22	±5%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN27NG02	27	±2%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN27NH02	27	±3%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN27NJ02	27	±5%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN33NG02	33	±2%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN33NH02	33	±3%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN33NJ02	33	±5%	300mA	0.67	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN39NG02	39	±2%	250mA	1.06	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN39NH02	39	±3%	250mA	1.06	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN39NJ02	39	±5%	250mA	1.06	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN47NG02	47	±2%	250mA	1.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN47NH02	47	±3%	250mA	1.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN47NJ02	47	±5%	250mA	1.15	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN56NG02	56	±2%	200mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN56NH02	56	±3%	200mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN56NJ02	56	±5%	200mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN68NG02	68	±2%	200mA	1.25	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN68NH02	68	±3%	200mA	1.25	0402 (1005)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQG15HN68N.J02	68	±5%	200mA	1.25	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN82NG02	82	+2%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN82NH02	82	+3%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HN82N.J02	82	±5%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR10G02	100	+2%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR10H02	100	+3%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR10J02	100	±5%	200mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR12G02	120	+2%	150mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR12H02	120	+3%	150mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HNR12J02	120	±5%	150mA	1.6	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N0B02	1	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N0C02	1	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N0S02	1	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N1B02	1.1	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N1C02	1.1	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N1S02	1.1	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N2B02	1.2	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N2C02	1.2	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N2S02	1.2	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N3B02	1.3	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N3C02	1.3	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N3S02	1.3	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N5B02	1.5	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N5C02	1.5	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N5S02	1.5	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N6B02	1.6	±0.1nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N6C02	1.6	±0.2nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N6S02	1.6	±0.3nH	1000mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N8B02	1.8	±0.1nH	950mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N8C02	1.8	±0.2nH	950mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS1N8S02	1.8	±0.3nH	950mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N0B02	2	±0.1nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N0C02	2	±0.2nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N0S02	2	±0.3nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N2B02	2.2	±0.1nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N2C02	2.2	±0.2nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N2S02	2.2	±0.3nH	900mA	0.09	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N4B02	2.4	±0.1nH	850mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N4C02	2.4	±0.2nH	850mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N4S02	2.4	±0.3nH	850mA	0.11	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N7B02	2.7	±0.1nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N7C02	2.7	±0.2nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS2N7S02	2.7	±0.3nH	800mA	0.12	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N0B02	3	±0.1nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N0C02	3	±0.2nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N0S02	3	±0.3nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N3B02	3.3	±0.1nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N3C02	3.3	±0.2nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N3S02	3.3	±0.3nH	800mA	0.125	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N6B02	3.6	±0.1nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N6C02	3.6	±0.2nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N6S02	3.6	±0.3nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N9B02	3.9	±0.1nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N9C02	3.9	±0.2nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS3N9S02	3.9	±0.3nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N3B02	4.3	±0.1nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N3C02	4.3	±0.2nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N3S02	4.3	±0.3nH	750mA	0.14	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N7B02	4.7	±0.1nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N7C02	4.7	±0.2nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS4N7S02	4.7	±0.3nH	700mA	0.16	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N1B02	5.1	±0.1nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N1C02	5.1	±0.2nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N1S02	5.1	±0.3nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N6B02	5.6	±0.1nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N6C02	5.6	±0.2nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS5N6S02	5.6	±0.3nH	650mA	0.18	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N2B02	6.2	±0.1nH	600mA	0.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N2C02	6.2	±0.2nH	600mA	0.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N2S02	6.2	±0.3nH	600mA	0.2	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N8G02	6.8	±2%	600mA	0.22	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N8H02	6.8	±3%	600mA	0.22	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS6N8J02	6.8	±5%	600mA	0.22	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS7N5G02	7.5	±2%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS7N5H02	7.5	±3%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS7N5J02	7.5	±5%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS8N2G02	8.2	±2%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS8N2H02	8.2	±3%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS8N2J02	8.2	±5%	550mA	0.24	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS9N1G02	9.1	±2%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS9N1H02	9.1	±3%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS9N1J02	9.1	±5%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS10NH02	10	±2%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS10NH02	10	±3%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS10NJ02	10	±5%	500mA	0.26	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS12NG02	12	±2%	500mA	0.28	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS12NH02	12	±3%	500mA	0.28	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS12NJ02	12	±5%	500mA	0.28	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS15NG02	15	±2%	450mA	0.32	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS15NH02	15	±3%	450mA	0.32	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS15NJ02	15	±5%	450mA	0.32	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS18NG02	18	±2%	400mA	0.36	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS18NH02	18	±3%	400mA	0.36	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS18NJ02	18	±5%	400mA	0.36	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS22NG02	22	±2%	350mA	0.42	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS22NH02	22	±3%	350mA	0.42	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS22NJ02	22	±5%	350mA	0.42	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS27NG02	27	±2%	350mA	0.46	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS27NH02	27	±3%	350mA	0.46	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS27NJ02	27	±5%	350mA	0.46	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS33NG02	33	±2%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS33NH02	33	±3%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS33NJ02	33	±5%	350mA	0.58	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS39NG02	39	±2%	300mA	0.65	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS39NH02	39	±3%	300mA	0.65	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS39NJ02	39	±5%	300mA	0.65	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS47NG02	47	±2%	300mA	0.72	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS47NH02	47	±3%	300mA	0.72	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS47NJ02	47	±5%	300mA	0.72	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS56NG02	56	±2%	250mA	0.82	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS56NH02	56	±3%	250mA	0.82	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS56NJ02	56	±5%	250mA	0.82	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS68NG02	68	±2%	250mA	0.92	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS68NH02	68	±3%	250mA	0.92	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS68NJ02	68	±5%	250mA	0.92	0402 (1005)	General	50 MHz - 20 GHz
LQG15HS82NG02	82	±2%	200mA	1.2	0402 (1005)	General	50 MHz - 20 GHz











Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQG15WZ68NJ02	68	±5%	160mA	2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ72NG02	72	±2%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ72NH02	72	±3%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ72NJ02	72	±5%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ75NG02	75	±2%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ75NH02	75	±3%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ75NJ02	75	±5%	160mA	2.2	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ82NG02	82	±2%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ82NH02	82	±3%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ82NJ02	82	±5%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ91NG02	91	±2%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ91NH02	91	±3%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZ91NJ02	91	±5%	160mA	2.3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR10G02	100	±2%	150mA	2.5	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR10H02	100	±3%	150mA	2.5	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR10J02	100	±5%	150mA	2.5	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR11G02	110	±2%	150mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR11H02	110	±3%	150mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR11J02	110	±5%	150mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR12G02	120	±2%	140mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR12H02	120	±3%	140mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR12J02	120	±5%	140mA	2.7	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR13G02	130	±2%	110mA	2.9	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR13H02	130	±3%	110mA	2.9	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR13J02	130	±5%	110mA	2.9	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR15G02	150	±2%	110mA	3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR15H02	150	±3%	110mA	3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG15WZR15J02	150	±5%	110mA	3	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQG18HH1N2S00	1.2	±0.3nH	1100mA	0.1	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH1N5S00	1.5	±0.3nH	1100mA	0.1	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH1N8S00	1.8	±0.3nH	1100mA	0.1	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH2N2S00	2.2	±0.3nH	1100mA	0.1	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH2N7S00	2.7	±0.3nH	1000mA	0.13	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH3N3S00	3.3	±0.3nH	900mA	0.14	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH3N9S00	3.9	±0.3nH	900mA	0.15	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH4N7S00	4.7	±0.3nH	800mA	0.16	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH5N6S00	5.6	±0.3nH	800mA	0.17	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH6N2S00	6.2	±0.3nH	800mA	0.18	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH6N8J00	6.8	±5%	800mA	0.18	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH8N2J00	8.2	±5%	800mA	0.2	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH10NJ00	10	±5%	700mA	0.25	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH12NJ00	12	±5%	600mA	0.3	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH15NJ00	15	±5%	600mA	0.35	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH18NJ00	18	±5%	600mA	0.35	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH22NJ00	22	±5%	500mA	0.5	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH27NJ00	27	±5%	500mA	0.54	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH33NJ00	33	±5%	500mA	0.54	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH39NJ00	39	±5%	400mA	0.6	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH47NJ00	47	±5%	400mA	0.7	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH56NJ00	56	±5%	400mA	0.7	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH68NJ00	68	±5%	400mA	0.8	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HH82NJ00	82	±5%	300mA	0.85	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR10J00	100	±5%	300mA	0.9	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR12J00	120	±5%	300mA	1.1	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR15J00	150	±5%	300mA	1.2	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR18J00	180	±5%	300mA	1.3	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR22J00	220	±5%	300mA	1.5	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HHR27J00	270	±5%	200mA	1.9	0603 (1608)	Powertrain/Safety	50 MHz - 20 GHz
LQG18HN1N2S00	1.2	±0.3nH	1100mA	0.1	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN1N5S00	1.5	±0.3nH	1100mA	0.1	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN1N8S00	1.8	±0.3nH	1100mA	0.1	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN2N2S00	2.2	±0.3nH	1100mA	0.1	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN2N7S00	2.7	±0.3nH	1000mA	0.12	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN3N3S00	3.3	±0.3nH	1000mA	0.12	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN3N9S00	3.9	±0.3nH	900mA	0.15	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN4N7S00	4.7	±0.3nH	900mA	0.15	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN5N6S00	5.6	±0.3nH	800mA	0.2	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN6N8J00	6.8	±5%	800mA	0.2	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN8N2J00	8.2	±5%	800mA	0.2	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN10NJ00	10	±5%	650mA	0.3	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN12NJ00	12	±5%	600mA	0.35	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN15NJ00	15	±5%	600mA	0.35	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN18NJ00	18	±5%	600mA	0.37	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN22NJ00	22	±5%	500mA	0.5	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN27NJ00	27	±5%	500mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN33NJ00	33	±5%	500mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN39NJ00	39	±5%	450mA	0.6	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN47NJ00	47	±5%	400mA	0.7	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN56NJ00	56	±5%	400mA	0.75	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN68NJ00	68	±5%	400mA	0.8	0603 (1608)	General	50 MHz - 20 GHz
LQG18HN82NJ00	82	±5%	350mA	0.85	0603 (1608)	General	50 MHz - 20 GHz
LQG18HNR10J00	100	±5%	350mA	0.9	0603 (1608)	General	50 MHz - 20 GHz
LQP01HV0N3B02	0.3	±0.1nH	500mA	0.04	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N4B02	0.4	±0.1nH	500mA	0.07	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N5B02	0.5	±0.1nH	500mA	0.07	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N6B02	0.6	±0.1nH	500mA	0.07	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N7B02	0.7	±0.1nH	500mA	0.08	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N8B02	0.8	±0.1nH	500mA	0.11	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV0N9B02	0.9	±0.1nH	500mA	0.11	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N0B02	1	±0.1nH	400mA	0.11	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N1B02	1.1	±0.1nH	400mA	0.12	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N2B02	1.2	±0.1nH	400mA	0.14	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N3B02	1.3	±0.1nH	400mA	0.18	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N4B02	1.4	±0.1nH	400mA	0.2	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N5B02	1.5	±0.1nH	400mA	0.2	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N6B02	1.6	±0.1nH	400mA	0.2	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N7B02	1.7	±0.1nH	250mA	0.21	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N8B02	1.8	±0.1nH	250mA	0.23	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV1N9B02	1.9	±0.1nH	250mA	0.26	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N0B02	2	±0.1nH	250mA	0.31	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N1B02	2.1	±0.1nH	250mA	0.31	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N2B02	2.2	±0.1nH	250mA	0.37	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N3B02	2.3	±0.1nH	250mA	0.37	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N4B02	2.4	±0.1nH	250mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N5B02	2.5	±0.1nH	250mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N6B02	2.6	±0.1nH	250mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N7B02	2.7	±0.1nH	200mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N8B02	2.8	±0.1nH	200mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV2N9B02	2.9	±0.1nH	180mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N0B02	3	±0.1nH	180mA	0.42	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N1B02	3.1	±0.1nH	180mA	0.46	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N2B02	3.2	±0.1nH	130mA	0.5	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N3B02	3.3	±0.1nH	130mA	0.53	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N4B02	3.4	±0.1nH	130mA	0.53	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N5B02	3.5	±0.1nH	130mA	0.54	008004 (0201)	General	50 MHz - 20 GHz
LQP01HV3N6B02	3.6	±0.1nH	130mA	0.58	008004 (0201)	General	50 MHz - 20 GHz



Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQP02HQ4N0C02	4	±0.2nH	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N1B02	4.1	+0.1nH	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N1C02	4.1	±0.2nH	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N2B02	4.2	±0.1nH	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N2C02	4.2	+0.2nH	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N3H02	4.3	±3%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N3J02	4.3	±5%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N7H02	4.7	+3%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ4N7J02	4.7	+5%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ5N1H02	5.1	±3%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ5N1J02	5.1	+5%	350mA	0.35	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ5N6H02	5.6	±3%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ5N6J02	5.6	+5%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ6N2H02	6.2	±3%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ6N2J02	6.2	+5%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ6N8H02	6.8	±3%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ6N8J02	6.8	+5%	300mA	0.4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ7N5H02	7.5	±3%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ7N5J02	7.5	+5%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ8N2H02	8.2	±3%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ8N2J02	8.2	+5%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ9N1H02	9.1	±3%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ9N1J02	9.1	+5%	300mA	0.5	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ10NH02	10	±3%	250mA	0.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ10NJ02	10	+5%	250mA	0.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ11NH02	11	±3%	250mA	0.8	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ11NJ02	11	+5%	250mA	0.8	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ12NH02	12	±3%	230mA	0.82	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ12NJ02	12	+5%	230mA	0.82	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ13NH02	13	±3%	210mA	0.99	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ13NJ02	13	+5%	210mA	0.99	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ15NH02	15	±3%	170mA	1.53	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ15NJ02	15	+5%	170mA	1.53	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ16NH02	16	±3%	170mA	1.53	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ16NJ02	16	+5%	170mA	1.53	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ18NH02	18	±3%	160mA	1.63	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ18NJ02	18	+5%	160mA	1.63	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ20NH02	20	±3%	140mA	2.26	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ20NJ02	20	+5%	140mA	2.26	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ22NH02	22	±3%	140mA	2.26	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ22NJ02	22	+5%	140mA	2.26	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ24NH02	24	±3%	120mA	2.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ24NJ02	24	+5%	120mA	2.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ27NH02	27	±3%	120mA	2.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ27NJ02	27	+5%	120mA	2.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ30NH02	30	±3%	120mA	3.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ30NJ02	30	+5%	120mA	3.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ33NH02	33	±3%	120mA	3.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ33NJ02	33	+5%	120mA	3.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ36NH02	36	±3%	110mA	3.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ36NJ02	36	+5%	110mA	3.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ39NH02	39	±3%	110mA	3.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ39NJ02	39	+5%	110mA	3.6	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ43NH02	43	±3%	100mA	4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ43NJ02	43	+5%	100mA	4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ47NH02	47	±3%	100mA	4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ47NJ02	47	+5%	100mA	4	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ51NH02	51	±3%	100mA	4.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ51NJ02	51	+5%	100mA	4.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ56NH02	56	±3%	100mA	4.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ56NJ02	56	+5%	100mA	4.2	01005 (0402)	General	50 MHz - 20 GHz
LQP02HQ0N4BZ2	0.4	±0.1nH	1000mA	0.03	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ0N5BZ2	0.5	±0.1nH	1000mA	0.04	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ0N6BZ2	0.6	±0.1nH	950mA	0.05	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ0N7BZ2	0.7	±0.1nH	900mA	0.05	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ0N8BZ2	0.8	±0.1nH	900mA	0.05	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ0N9BZ2	0.9	±0.1nH	900mA	0.05	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N0BZ2	1	±0.1nH	900mA	0.05	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N1BZ2	1.1	±0.1nH	850mA	0.06	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N2BZ2	1.2	±0.1nH	800mA	0.06	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N3BZ2	1.3	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N4BZ2	1.4	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N5BZ2	1.5	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N6BZ2	1.6	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N7BZ2	1.7	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N8BZ2	1.8	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ1N9BZ2	1.9	±0.1nH	700mA	0.08	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N0BZ2	2	±0.1nH	700mA	0.1	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N1BZ2	2.1	±0.1nH	650mA	0.1	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N2BZ2	2.2	±0.1nH	500mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N3BZ2	2.3	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N4BZ2	2.4	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N5BZ2	2.5	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N6BZ2	2.6	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N7BZ2	2.7	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N8BZ2	2.8	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ2N9BZ2	2.9	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N0BZ2	3	±0.1nH	450mA	0.2	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N1BZ2	3.1	±0.1nH	400mA	0.25	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N2BZ2	3.2	±0.1nH	400mA	0.25	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N3BZ2	3.3	±0.1nH	400mA	0.25	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N4BZ2	3.4	±0.1nH	400mA	0.3	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N5BZ2	3.5	±0.1nH	350mA	0.3	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N6BZ2	3.6	±0.1nH	350mA	0.3	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N7BZ2	3.7	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N8BZ2	3.8	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ3N9BZ2	3.9	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ4N0BZ2	4	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ4N1BZ2	4.1	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ4N2BZ2	4.2	±0.1nH	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ4N3H2	4.3	±3%	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ4N7H2	4.7	±3%	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ5N1H2	5.1	±3%	350mA	0.35	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ5N6H2	5.6	±3%	300mA	0.4	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ6N2H2	6.2	±3%	300mA	0.4	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ6N8H2	6.8	±3%	300mA	0.4	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ7N5H2	7.5	±3%	300mA	0.5	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ8N2H2	8.2	±3%	300mA	0.5	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ9N1H2	9.1	±3%	300mA	0.5	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ10NH2	10	±3%	250mA	0.6	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ11NH2	11	±3%	250mA	0.8	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ12NH2	12	±3%	230mA	0.82	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ13NH2	13	±3%	210mA	0.99	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ15NH2	15	±3%	170mA	1.53	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ16NH2	16	±3%	170mA	1.53	01005 (0402)	Infotainment	50 MHz - 20 GHz
LQP02HQ18NH2	18	±3%	160mA	1.63	01005 (0402)	Infotainment	50 MHz - 20 GHz

















Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQP03TN2N8BZ2	2.8	±0.1nH	500mA	0.2	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN2N8CZ2	2.8	+0.2nH	500mA	0.2	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN2N9BZ2	2.9	±0.1nH	500mA	0.2	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN2N9CZ2	2.9	+0.2nH	500mA	0.2	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N0BZ2	3	+0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N0CZ2	3	±0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N1BZ2	3.1	±0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N1CZ2	3.1	+0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N2BZ2	3.2	±0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N2CZ2	3.2	+0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N3BZ2	3.3	+0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N3CZ2	3.3	±0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N4BZ2	3.4	±0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N4CZ2	3.4	+0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N5BZ2	3.5	±0.1nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N5CZ2	3.5	±0.2nH	450mA	0.25	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N6BZ2	3.6	±0.1nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N6CZ2	3.6	+0.2nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N7BZ2	3.7	±0.1nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N7CZ2	3.7	±0.2nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N8BZ2	3.8	±0.1nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N8CZ2	3.8	±0.2nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N9BZ2	3.9	±0.1nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN3N9CZ2	3.9	+0.2nH	400mA	0.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N0BZ2	4	±0.1nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N0CZ2	4	±0.2nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N1BZ2	4.1	±0.1nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N1CZ2	4.1	±0.2nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N2BZ2	4.2	±0.1nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N2CZ2	4.2	+0.2nH	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N3HJZ2	4.3	±3%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N3JZ2	4.3	±5%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N7HJZ2	4.7	±3%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN4N7JZ2	4.7	±5%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN5N1HJZ2	5.1	±3%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN5N1JZ2	5.1	±5%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN5N6HJZ2	5.6	±3%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN5N6JZ2	5.6	±5%	350mA	0.4	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN6N2HJZ2	6.2	±3%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN6N2JZ2	6.2	±5%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN6N8HJZ2	6.8	±3%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN6N8JZ2	6.8	±5%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN7N5HJZ2	7.5	±3%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN7N5JZ2	7.5	±5%	300mA	0.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN8N2HJZ2	8.2	±3%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN8N2JZ2	8.2	±5%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN9N1HJZ2	9.1	±3%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN9N1JZ2	9.1	±5%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN10NHJZ2	10	±3%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN10NJZ2	10	±5%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN11NHJZ2	11	±3%	250mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN11NJZ2	11	±5%	250mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN12NHJZ2	12	±3%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN12NJZ2	12	±5%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN13NHJZ2	13	±3%	250mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN13NJZ2	13	±5%	250mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN15NHJZ2	15	±3%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN15NJZ2	15	±5%	250mA	0.7	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN16NHJZ2	16	±3%	200mA	0.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN16NJZ2	16	±5%	200mA	0.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN18NHJZ2	18	±3%	200mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN18NJZ2	18	±5%	200mA	0.8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN20NHJZ2	20	±3%	150mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN20NJZ2	20	±5%	150mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN22NHJZ2	22	±3%	150mA	1.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN22NJZ2	22	±5%	150mA	1.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN24NHJZ2	24	±3%	140mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN24NJZ2	24	±5%	140mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN27NHJZ2	27	±3%	140mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN27NJZ2	27	±5%	140mA	2.3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN30NHJZ2	30	±3%	120mA	2.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN30NJZ2	30	±5%	120mA	2.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN33NHJZ2	33	±3%	120mA	2.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN33NJZ2	33	±5%	120mA	2.95	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN36NHJZ2	36	±3%	120mA	3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN36NJZ2	36	±5%	120mA	3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN39NHJZ2	39	±3%	120mA	3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN39NJZ2	39	±5%	120mA	3	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN43NHJZ2	43	±3%	100mA	3.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN43NJZ2	43	±5%	100mA	3.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN47NHJZ2	47	±3%	100mA	3.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN47NJZ2	47	±5%	100mA	3.6	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN51NHJZ2	51	±3%	100mA	3.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN51NJZ2	51	±5%	100mA	3.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN56NHJZ2	56	±3%	100mA	3.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN56NJZ2	56	±5%	100mA	3.9	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN62NHJZ2	62	±3%	100mA	8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN62NJZ2	62	±5%	100mA	8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN68NHJZ2	68	±3%	100mA	8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN68NJZ2	68	±5%	100mA	8	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN75NHJZ2	75	±3%	100mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN75NJZ2	75	±5%	100mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN82NHJZ2	82	±3%	100mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN82NJZ2	82	±5%	100mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN91NHJZ2	91	±3%	80mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TN91NJZ2	91	±5%	80mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR10HJZ2	100	±3%	80mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR10JZ2	100	±5%	80mA	10	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR11HJZ2	110	±3%	80mA	12	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR11JZ2	110	±5%	80mA	12	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR12HJZ2	120	±3%	80mA	12	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TNR12JZ2	120	±5%	80mA	12	0201 (0603)	Infotainment	50 MHz - 20 GHz
LQP03TQ0N6B02	0.6	±0.1nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N6C02	0.6	±0.2nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N6W02	0.6	±0.05nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N7B02	0.7	±0.1nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N7C02	0.7	±0.2nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N7W02	0.7	±0.05nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N8B02	0.8	±0.1nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N8C02	0.8	±0.2nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N8W02	0.8	±0.05nH	1000mA	0.05	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N9B02	0.9	±0.1nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N9C02	0.9	±0.2nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ0N9W02	0.9	±0.05nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N0B02	1	±0.1nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N0C02	1	±0.2nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQP03TQ1N0W02	1	±0.05nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N1B02	1.1	+0.1nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N1C02	1.1	+0.2nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N1W02	1.1	±0.05nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N2B02	1.2	+0.1nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N2C02	1.2	+0.2nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N2W02	1.2	±0.05nH	800mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N3B02	1.3	+0.1nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N3C02	1.3	+0.2nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N3W02	1.3	±0.05nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N4B02	1.4	+0.1nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N4C02	1.4	+0.2nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N4W02	1.4	±0.05nH	700mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N5B02	1.5	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N5C02	1.5	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N5W02	1.5	±0.05nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N6B02	1.6	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N6C02	1.6	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N7B02	1.7	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N7C02	1.7	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N8B02	1.8	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N8C02	1.8	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N9B02	1.9	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ1N9C02	1.9	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N0B02	2	+0.1nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N0C02	2	+0.2nH	650mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N1B02	2.1	+0.1nH	650mA	0.12	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N1C02	2.1	+0.2nH	650mA	0.12	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N2B02	2.2	+0.1nH	650mA	0.12	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N2C02	2.2	+0.2nH	650mA	0.12	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N3B02	2.3	+0.1nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N3C02	2.3	+0.2nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N4B02	2.4	+0.1nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N4C02	2.4	+0.2nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N5B02	2.5	+0.1nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N5C02	2.5	+0.2nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N6B02	2.6	+0.1nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N6C02	2.6	+0.2nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N7B02	2.7	+0.1nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N7C02	2.7	+0.2nH	550mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N8B02	2.8	+0.1nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N8C02	2.8	+0.2nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N9B02	2.9	+0.1nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ2N9C02	2.9	+0.2nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N0B02	3	+0.1nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N0C02	3	+0.2nH	500mA	0.2	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N1B02	3.1	+0.1nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N1C02	3.1	+0.2nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N2B02	3.2	+0.1nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N2C02	3.2	+0.2nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N3B02	3.3	+0.1nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N3C02	3.3	+0.2nH	450mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N4B02	3.4	+0.1nH	450mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N4C02	3.4	+0.2nH	450mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N5B02	3.5	+0.1nH	450mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N5C02	3.5	+0.2nH	450mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N6B02	3.6	+0.1nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N6C02	3.6	+0.2nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N7B02	3.7	+0.1nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N7C02	3.7	+0.2nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N8B02	3.8	+0.1nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N8C02	3.8	+0.2nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N9B02	3.9	+0.1nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ3N9C02	3.9	+0.2nH	400mA	0.25	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N0B02	4	+0.1nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N0C02	4	+0.2nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N1B02	4.1	+0.1nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N1C02	4.1	+0.2nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N2B02	4.2	+0.1nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N2C02	4.2	+0.2nH	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N3B02	4.3	±3%	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N3J02	4.3	±5%	360mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N7H02	4.7	±3%	350mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ4N7J02	4.7	±5%	350mA	0.35	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ5N1H02	5.1	±3%	350mA	0.39	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ5N1J02	5.1	±5%	350mA	0.39	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ5N6H02	5.6	±3%	350mA	0.39	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ5N6J02	5.6	±5%	350mA	0.39	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ6N2H02	6.2	±3%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ6N2J02	6.2	±5%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ6N8H02	6.8	±3%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ6N8J02	6.8	±5%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ7N5H02	7.5	±3%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ7N5J02	7.5	±5%	300mA	0.55	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ8N2H02	8.2	±3%	250mA	0.65	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ8N2J02	8.2	±5%	250mA	0.65	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ9N1H02	9.1	±3%	250mA	0.65	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ9N1J02	9.1	±5%	250mA	0.65	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ10N02	10	±3%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ10N02	10	±5%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ11N02	11	±3%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ11N02	11	±5%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ12N02	12	±3%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ12N02	12	±5%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ13N02	13	±3%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQP03TQ13N02	13	±5%	250mA	0.69	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW1N0C00	1	+0.2nH	900mA	0.03	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW1N1C00	1.1	+0.2nH	660mA	0.06	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW1N7C00	1.7	+0.2nH	600mA	0.07	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW1N8C00	1.8	+0.2nH	520mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW1N9C00	1.9	+0.2nH	620mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N0C00	2	+0.2nH	490mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N1C00	2.1	+0.2nH	400mA	0.16	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N2C00	2.2	+0.2nH	400mA	0.16	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N7C00	2.7	+0.2nH	720mA	0.06	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N8C00	2.8	+0.2nH	600mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW2N9C00	2.9	+0.2nH	540mA	0.1	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N0C00	3	+0.2nH	350mA	0.22	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N1C00	3.1	+0.2nH	720mA	0.07	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N2C00	3.2	+0.2nH	580mA	0.08	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N3C00	3.3	+0.2nH	520mA	0.11	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N4C00	3.4	+0.2nH	440mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N5C00	3.5	+0.2nH	440mA	0.15	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N6C00	3.6	+0.2nH	340mA	0.23	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N7C00	3.7	+0.2nH	340mA	0.23	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW3N9C00	3.9	+0.2nH	650mA	0.07	0201 (0603)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW03AW4N3J00	4.3	±5%	480mA	0.12	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW4N7J00	4.7	±5%	620mA	0.09	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW5N1J00	5.1	±5%	480mA	0.14	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW5N4J00	5.4	±5%	420mA	0.21	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW5N6J00	5.6	±5%	330mA	0.33	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW5N8J00	5.8	±5%	460mA	0.16	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW6N2J00	6.2	±5%	360mA	0.22	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW6N8J00	6.8	±5%	460mA	0.18	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW7N5J00	7.5	±5%	400mA	0.24	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW8N2J00	8.2	±5%	290mA	0.26	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW8N7J00	8.7	±5%	290mA	0.42	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW9N1J00	9.1	±5%	460mA	0.22	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW10N1J00	10	±5%	250mA	0.46	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW11N1J00	11	±5%	260mA	0.47	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW12N1J00	12.5	±5%	280mA	0.54	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW13N1J00	13	±5%	280mA	0.54	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW14N1J00	13.5	±5%	240mA	0.53	0201 (0603)	General	50 MHz - 20 GHz
LQW03AW15N1J00	15.5	±5%	230mA	0.6	0201 (0603)	General	50 MHz - 20 GHz
LQW04AN0N8C00	0.8	±0.2nH	1800mA	0.02	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN0N8D00	0.8	±0.5nH	1800mA	0.02	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N1C00	1.1	±0.2nH	990mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N1D00	1.1	±0.5nH	990mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N3C00	1.3	±0.2nH	1500mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N3D00	1.3	±0.5nH	1500mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N4C00	1.4	±0.2nH	1200mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N4D00	1.4	±0.5nH	1200mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N5C00	1.5	±0.2nH	940mA	0.05	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N5D00	1.5	±0.5nH	940mA	0.05	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N6C00	1.6	±0.2nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N6D00	1.6	±0.5nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N7C00	1.7	±0.2nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N7D00	1.7	±0.5nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N8C00	1.8	±0.2nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN1N8D00	1.8	±0.5nH	700mA	0.06	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N0C00	2	±0.2nH	1100mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N0D00	2	±0.5nH	1100mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N1C00	2.1	±0.2nH	1100mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N1D00	2.1	±0.5nH	1100mA	0.03	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N2C00	2.2	±0.2nH	1100mA	0.04	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N2D00	2.2	±0.5nH	1100mA	0.04	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N3C00	2.3	±0.2nH	780mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N3D00	2.3	±0.5nH	780mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N4C00	2.4	±0.2nH	570mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N4D00	2.4	±0.5nH	570mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N5C00	2.5	±0.2nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N5D00	2.5	±0.5nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N6C00	2.6	±0.2nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N6D00	2.6	±0.5nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N7C00	2.7	±0.2nH	570mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N7D00	2.7	±0.5nH	570mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N8C00	2.8	±0.2nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N8D00	2.8	±0.5nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N9C00	2.9	±0.2nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN2N9D00	2.9	±0.5nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N0C00	3	±0.2nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N0D00	3	±0.5nH	620mA	0.07	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N1C00	3.1	±0.2nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N1D00	3.1	±0.5nH	490mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N2C00	3.2	±0.2nH	400mA	0.17	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N2D00	3.2	±0.5nH	400mA	0.17	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N3C00	3.3	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N3D00	3.3	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N6C00	3.6	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N6D00	3.6	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N7C00	3.7	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N7D00	3.7	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N8C00	3.8	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N8D00	3.8	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N9C00	3.9	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN3N9D00	3.9	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N0C00	4	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N0D00	4	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N1C00	4.1	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N1D00	4.1	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N2C00	4.2	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N2D00	4.2	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N3C00	4.3	±0.2nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N3D00	4.3	±0.5nH	530mA	0.1	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N4C00	4.4	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N4D00	4.4	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N5C00	4.5	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N5D00	4.5	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N6C00	4.6	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N6D00	4.6	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N7C00	4.7	±0.2nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N7D00	4.7	±0.5nH	440mA	0.14	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N8C00	4.8	±0.2nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N8D00	4.8	±0.5nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N9C00	4.9	±0.2nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN4N9D00	4.9	±0.5nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N0C00	5	±0.2nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N0D00	5	±0.5nH	350mA	0.23	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N1C00	5.1	±0.2nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N1D00	5.1	±0.5nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N2C00	5.2	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N2D00	5.2	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N3C00	5.3	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N3D00	5.3	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N4C00	5.4	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N4D00	5.4	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N5C00	5.5	±0.2nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N5D00	5.5	±0.5nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N6C00	5.6	±0.2nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N6D00	5.6	±0.5nH	470mA	0.12	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N7C00	5.7	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N7D00	5.7	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N8C00	5.8	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N8D00	5.8	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N9C00	5.9	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN5N9D00	5.9	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N0C00	6	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N0D00	6	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N1C00	6.1	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N1D00	6.1	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N2C00	6.2	±0.2nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz
LQW04AN6N2D00	6.2	±0.5nH	390mA	0.19	03015 (0804)	General	50 MHz - 20 GHz











Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW15AN56NG0Z	56	±2%	200mA	1.17	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN56NH0Z	56	±3%	200mA	1.17	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN56NJ0Z	56	±5%	200mA	1.17	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN62NG0Z	62	±2%	145mA	1.82	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN62NH0Z	62	±3%	145mA	1.82	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN62NJ0Z	62	±5%	145mA	1.82	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN68NG0Z	68	±2%	140mA	1.96	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN68NH0Z	68	±3%	140mA	1.96	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN68NJ0Z	68	±5%	140mA	1.96	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN72NG0Z	72	±2%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN72NH0Z	72	±3%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN72NJ0Z	72	±5%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN75NG0Z	75	±2%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN75NH0Z	75	±3%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN75NJ0Z	75	±5%	135mA	2.1	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN82NG0Z	82	±2%	130mA	2.24	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN82NH0Z	82	±3%	130mA	2.24	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN82NJ0Z	82	±5%	130mA	2.24	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN91NG0Z	91	±2%	125mA	2.38	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN91NH0Z	91	±3%	125mA	2.38	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN91NJ0Z	91	±5%	125mA	2.38	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15ANR10J0Z	100	±5%	120mA	2.52	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15ANR12J0Z	120	±5%	110mA	2.66	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N3C10	1.3	±0.2nH	1200mA	0.017	General	50 MHz - 20 GHz	
LQW15AN1N3D10	1.3	±0.5nH	1200mA	0.017	General	50 MHz - 20 GHz	
LQW15AN1N4C10	1.4	±0.2nH	1100mA	0.019	General	50 MHz - 20 GHz	
LQW15AN1N4D10	1.4	±0.5nH	1100mA	0.019	General	50 MHz - 20 GHz	
LQW15AN2N2C10	2.2	±0.2nH	1000mA	0.027	General	50 MHz - 20 GHz	
LQW15AN2N2D10	2.2	±0.5nH	1000mA	0.027	General	50 MHz - 20 GHz	
LQW15AN2N3C10	2.3	±0.2nH	1000mA	0.027	General	50 MHz - 20 GHz	
LQW15AN2N3D10	2.3	±0.5nH	1000mA	0.027	General	50 MHz - 20 GHz	
LQW15AN2N4D10	2.4	±0.5nH	1000mA	0.027	General	50 MHz - 20 GHz	
LQW15AN3N3C10	3.3	±0.2nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N3D10	3.3	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N4C10	3.4	±0.2nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N4D10	3.4	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N5C10	3.5	±0.2nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N5D10	3.5	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N6C10	3.6	±0.2nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N6D10	3.6	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N8C10	3.8	±0.2nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N8D10	3.8	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN3N9D10	3.9	±0.5nH	900mA	0.04	General	50 MHz - 20 GHz	
LQW15AN4N0C10	4	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN4N0D10	4	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN4N2C10	4.2	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN4N2D10	4.2	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN4N7D10	4.7	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N1C10	5.1	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N1D10	5.1	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N2C10	5.2	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N2D10	5.2	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N3C10	5.3	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N3D10	5.3	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N4C10	5.4	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N4D10	5.4	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N5C10	5.5	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N5D10	5.5	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N6C10	5.6	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N6D10	5.6	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N7C10	5.7	±0.2nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N7D10	5.7	±0.5nH	800mA	0.051	General	50 MHz - 20 GHz	
LQW15AN5N9C10	5.9	±0.2nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN5N9D10	5.9	±0.5nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN6N0C10	6	±0.2nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN6N0D10	6	±0.5nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN6N1C10	6.1	±0.2nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN6N1D10	6.1	±0.5nH	760mA	0.056	General	50 MHz - 20 GHz	
LQW15AN7N4C10	7.4	±0.2nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N4D10	7.4	±0.5nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N6C10	7.6	±0.2nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N6D10	7.6	±0.5nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N7C10	7.7	±0.2nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N7D10	7.7	±0.5nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N8C10	7.8	±0.2nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N8D10	7.8	±0.5nH	750mA	0.058	General	50 MHz - 20 GHz	
LQW15AN7N9C10	7.9	±0.2nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN7N9D10	7.9	±0.5nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N0C10	8	±0.2nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N0D10	8	±0.5nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N1C10	8.1	±0.2nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N1D10	8.1	±0.5nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N3C10	8.3	±0.2nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N3D10	8.3	±0.5nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N4C10	8.4	±0.2nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN8N4D10	8.4	±0.5nH	640mA	0.079	General	50 MHz - 20 GHz	
LQW15AN1N3C1Z	1.3	±0.2nH	1200mA	0.017	Infotainment	50 MHz - 20 GHz	
LQW15AN1N3D1Z	1.3	±0.5nH	1200mA	0.017	Infotainment	50 MHz - 20 GHz	
LQW15AN1N4C1Z	1.4	±0.2nH	1100mA	0.019	Infotainment	50 MHz - 20 GHz	
LQW15AN1N4D1Z	1.4	±0.5nH	1100mA	0.019	Infotainment	50 MHz - 20 GHz	
LQW15AN2N2C1Z	2.2	±0.2nH	1000mA	0.027	Infotainment	50 MHz - 20 GHz	
LQW15AN2N2D1Z	2.2	±0.5nH	1000mA	0.027	Infotainment	50 MHz - 20 GHz	
LQW15AN2N3C1Z	2.3	±0.2nH	1000mA	0.027	Infotainment	50 MHz - 20 GHz	
LQW15AN2N3D1Z	2.3	±0.5nH	1000mA	0.027	Infotainment	50 MHz - 20 GHz	
LQW15AN2N4D1Z	2.4	±0.5nH	1000mA	0.027	Infotainment	50 MHz - 20 GHz	
LQW15AN3N3D1Z	3.3	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N4C1Z	3.4	±0.2nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N4D1Z	3.4	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N5C1Z	3.5	±0.2nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N5D1Z	3.5	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N6C1Z	3.6	±0.2nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N6D1Z	3.6	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N8C1Z	3.8	±0.2nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N8D1Z	3.8	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN3N9D1Z	3.9	±0.5nH	900mA	0.04	Infotainment	50 MHz - 20 GHz	
LQW15AN4N0C1Z	4	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN4N0D1Z	4	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN4N2C1Z	4.2	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN4N2D1Z	4.2	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN4N7D1Z	4.7	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N1C1Z	5.1	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N1D1Z	5.1	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N2C1Z	5.2	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N2D1Z	5.2	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N3C1Z	5.3	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N3D1Z	5.3	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N4C1Z	5.4	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N4D1Z	5.4	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N5C1Z	5.5	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N5D1Z	5.5	±0.5nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	
LQW15AN5N6C1Z	5.6	±0.2nH	800mA	0.051	Infotainment	50 MHz - 20 GHz	

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW15AN5N6D1Z	5.6	±0.5nH	800mA	0.051	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN5N7C1Z	5.7	+0.2nH	800mA	0.051	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN5N7D1Z	5.7	±0.5nH	800mA	0.051	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN5N9C1Z	5.9	±0.2nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN5N9D1Z	5.9	+0.5nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN6NOC1Z	6	±0.2nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN6NOD1Z	6	±0.5nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN6N1C1Z	6.1	+0.2nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN6N1D1Z	6.1	±0.5nH	760mA	0.056	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N4C1Z	7.4	±0.2nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N4D1Z	7.4	+0.5nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N6C1Z	7.6	±0.2nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N6D1Z	7.6	±0.5nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N7C1Z	7.7	+0.2nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N7D1Z	7.7	±0.5nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N8C1Z	7.8	±0.2nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N8D1Z	7.8	+0.5nH	750mA	0.058	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N9C1Z	7.9	+0.2nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN7N9D1Z	7.9	±0.5nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8NOC1Z	8	±0.2nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8NOD1Z	8	+0.5nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N1C1Z	8.1	±0.2nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N1D1Z	8.1	±0.5nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N3C1Z	8.3	+0.2nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N3D1Z	8.3	±0.5nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N4C1Z	8.4	±0.2nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN8N4D1Z	8.4	+0.5nH	640mA	0.079	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N3C80	1.3	+0.2nH	3150mA	0.012	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N3D80	1.3	±0.5nH	3150mA	0.012	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N5C80	1.5	+0.2nH	2100mA	0.028	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N5D80	1.5	±0.5nH	2100mA	0.028	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N6C80	1.6	+0.2nH	1450mA	0.045	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N6D80	1.6	+0.5nH	1450mA	0.045	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N7C80	1.7	±0.2nH	1150mA	0.065	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N7D80	1.7	+0.5nH	1150mA	0.065	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N2B80	2.2	+0.1nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N2C80	2.2	+0.2nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N2D80	2.2	+0.5nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N2G80	2.2	+2%	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N3B80	2.3	±0.1nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N3C80	2.3	+0.2nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N3D80	2.3	+0.5nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N3G80	2.3	±2%	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N4B80	2.4	±0.1nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N4C80	2.4	+0.2nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N4D80	2.4	±0.5nH	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N4G80	2.4	±2%	2530mA	0.022	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N5B80	2.5	+0.1nH	2100mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N5C80	2.5	±0.2nH	2100mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N5D80	2.5	±0.5nH	2100mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N5G80	2.5	+2%	2100mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N6B80	2.6	±0.1nH	1950mA	0.035	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N6C80	2.6	+0.2nH	1950mA	0.035	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N6D80	2.6	+0.5nH	1950mA	0.035	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N6G80	2.6	+2%	1950mA	0.035	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N7B80	2.7	±0.1nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N7C80	2.7	+0.2nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N7D80	2.7	+0.5nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N7G80	2.7	+2%	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N8B80	2.8	+0.1nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N8C80	2.8	±0.2nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N8D80	2.8	±0.5nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N8G80	2.8	+2%	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N9B80	2.9	+0.1nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N9C80	2.9	±0.2nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N9D80	2.9	+0.5nH	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN2N9G80	2.9	+2%	1500mA	0.047	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N0B80	3	±0.1nH	1350mA	0.063	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N0C80	3	±0.2nH	1350mA	0.063	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N0D80	3	+0.5nH	1350mA	0.063	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N0G80	3	±2%	1350mA	0.063	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N3B80	3.3	±0.1nH	2000mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N3C80	3.3	+0.2nH	2000mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N3D80	3.3	±0.5nH	2000mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N3G80	3.3	±2%	2000mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N4B80	3.4	+0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N4C80	3.4	±0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N4D80	3.4	±0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N4G80	3.4	+2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N5B80	3.5	±0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N5C80	3.5	±0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N5D80	3.5	+0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N5G80	3.5	±2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N6B80	3.6	±0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N6C80	3.6	+0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N6D80	3.6	±0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N6G80	3.6	±2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N7B80	3.7	+0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N7C80	3.7	±0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N7D80	3.7	+0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N7G80	3.7	+2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N8B80	3.8	±0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N8C80	3.8	±0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N8D80	3.8	+0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N8G80	3.8	±2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N9B80	3.9	±0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N9C80	3.9	+0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N9D80	3.9	±0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN3N9G80	3.9	±2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N0B80	4	+0.1nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N0C80	4	±0.2nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N0D80	4	±0.5nH	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N0G80	4	+2%	1950mA	0.03	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N1B80	4.1	±0.1nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N1C80	4.1	±0.2nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N1D80	4.1	+0.5nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N1G80	4.1	+2%	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N2B80	4.2	±0.1nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N2C80	4.2	+0.2nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N2D80	4.2	±0.5nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N2G80	4.2	+2%	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N3B80	4.3	+0.1nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N3C80	4.3	±0.2nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N3D80	4.3	±0.5nH	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N3G80	4.3	+2%	1800mA	0.044	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN4N4B80	4.4	+0.1nH	1600mA	0.052	0402 (1005)	General	50 MHz - 20 GHz



Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW15AN8N3J80	8.3	±5%	1500mA	0.069	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N4G80	8.4	±2%	1500mA	0.069	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N4J80	8.4	±5%	1500mA	0.069	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N5G80	8.5	±2%	1500mA	0.069	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N5J80	8.5	±5%	1500mA	0.069	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N6G80	8.6	±2%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N6J80	8.6	±5%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N7G80	8.7	±2%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N7J80	8.7	±5%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N8G80	8.8	±2%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N8J80	8.8	±5%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N9C80	8.9	±2%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN8N9J80	8.9	±5%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N0G80	9	±2%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N0J80	9	±5%	1420mA	0.07	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N1G80	9.1	±2%	1400mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N1J80	9.1	±5%	1400mA	0.08	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N2G80	9.2	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N2J80	9.2	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N3G80	9.3	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N3J80	9.3	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N4G80	9.4	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N4J80	9.4	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N5G80	9.5	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N5J80	9.5	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N6G80	9.6	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N6J80	9.6	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N7G80	9.7	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N7J80	9.7	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N8G80	9.8	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N8J80	9.8	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N9G80	9.9	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN9N9J80	9.9	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN10NG80	10	±2%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN10NJ80	10	±5%	1400mA	0.081	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN11NG80	11	±2%	1400mA	0.083	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN11NJ80	11	±5%	1400mA	0.083	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN12NG80	12	±2%	1240mA	0.093	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN12NJ80	12	±5%	1240mA	0.093	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN13NG80	13	±2%	1240mA	0.093	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN13NJ80	13	±5%	1240mA	0.093	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN14NG80	14	±2%	1150mA	0.111	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN14NJ80	14	±5%	1150mA	0.111	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN15NG80	15	±2%	1150mA	0.114	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN15NJ80	15	±5%	1150mA	0.114	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN16NG80	16	±2%	1000mA	0.126	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN16NJ80	16	±5%	1000mA	0.126	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN17NG80	17	±2%	1000mA	0.126	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN17NJ80	17	±5%	1000mA	0.126	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN18NG80	18	±2%	1050mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN18NJ80	18	±5%	1050mA	0.13	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN19NG80	19	±2%	920mA	0.156	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN19NJ80	19	±5%	920mA	0.156	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN20NG80	20	±2%	800mA	0.186	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN20NJ80	20	±5%	800mA	0.186	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN21NG80	21	±2%	780mA	0.202	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN21NJ80	21	±5%	780mA	0.202	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN22NG80	22	±2%	780mA	0.202	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN22NJ80	22	±5%	780mA	0.202	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN23NG80	23	±2%	760mA	0.201	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN23NJ80	23	±5%	760mA	0.201	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN24NG80	24	±2%	770mA	0.212	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN24NJ80	24	±5%	770mA	0.212	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN25NG80	25	±2%	750mA	0.221	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN25NJ80	25	±5%	750mA	0.221	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN26NG80	26	±2%	720mA	0.282	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN26NJ80	26	±5%	720mA	0.282	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN27NC80	27	±2%	680mA	0.288	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN27NJ80	27	±5%	680mA	0.288	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN30NG80	30	±2%	680mA	0.309	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN30NJ80	30	±5%	680mA	0.309	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN33NG80	33	±2%	620mA	0.336	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN33NJ80	33	±5%	620mA	0.336	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN36NG80	36	±2%	540mA	0.431	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN36NJ80	36	±5%	540mA	0.431	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN39NG80	39	±2%	530mA	0.456	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN39NJ80	39	±5%	530mA	0.456	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN43NG80	43	±2%	515mA	0.516	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN43NJ80	43	±5%	515mA	0.516	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN47NG80	47	±2%	440mA	0.648	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN47NJ80	47	±5%	440mA	0.648	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN51NG80	51	±2%	415mA	0.696	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN51NJ80	51	±5%	415mA	0.696	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN53NG80	53	±2%	415mA	0.696	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN53NJ80	53	±5%	415mA	0.696	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN56NG80	56	±2%	340mA	0.996	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN56NJ80	56	±5%	340mA	0.996	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN68NG80	68	±2%	320mA	1.128	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN68NJ80	68	±5%	320mA	1.128	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN75NG80	75	±2%	320mA	1.224	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN75NJ80	75	±5%	320mA	1.224	0402 (1005)	General	50 MHz - 20 GHz
LQW15AN1N3C8Z	1.3	±0.2nH	3150mA	0.012	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N3D8Z	1.3	±0.5nH	3150mA	0.012	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N5C8Z	1.5	±0.2nH	2100mA	0.028	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N5D8Z	1.5	±0.5nH	2100mA	0.028	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N6C8Z	1.6	±0.2nH	1450mA	0.045	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N6D8Z	1.6	±0.5nH	1450mA	0.045	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N7C8Z	1.7	±0.2nH	1150mA	0.065	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN1N7D8Z	1.7	±0.5nH	1150mA	0.065	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N2B8Z	2.2	±0.1nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N2C8Z	2.2	±0.2nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N2D8Z	2.2	±0.5nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N2G8Z	2.2	±2%	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N3B8Z	2.3	±0.1nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N3C8Z	2.3	±0.2nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N3D8Z	2.3	±0.5nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N3G8Z	2.3	±2%	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N4B8Z	2.4	±0.1nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N4C8Z	2.4	±0.2nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N4D8Z	2.4	±0.5nH	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N4G8Z	2.4	±2%	2530mA	0.022	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N5B8Z	2.5	±0.1nH	2100mA	0.03	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N5C8Z	2.5	±0.2nH	2100mA	0.03	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N5D8Z	2.5	±0.5nH	2100mA	0.03	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N5G8Z	2.5	±2%	2100mA	0.03	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN2N6B8Z	2.6	±0.1nH	1950mA	0.035	0402 (1005)	Infotainment	50 MHz - 20 GHz





Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW15AN19NJ8Z	19	±5%	920mA	0.156	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN20NG8Z	20	±2%	800mA	0.186	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN20NJ8Z	20	±5%	800mA	0.186	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN21NG8Z	21	±2%	780mA	0.202	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN21NJ8Z	21	±5%	780mA	0.202	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN22NG8Z	22	±2%	780mA	0.202	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN22NJ8Z	22	±5%	780mA	0.202	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN23NG8Z	23	±2%	760mA	0.201	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN23NJ8Z	23	±5%	760mA	0.201	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN24NG8Z	24	±2%	770mA	0.212	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN24NJ8Z	24	±5%	770mA	0.212	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN25NG8Z	25	±2%	750mA	0.221	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN25NJ8Z	25	±5%	750mA	0.221	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN26NG8Z	26	±2%	720mA	0.282	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN26NJ8Z	26	±5%	720mA	0.282	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN27NG8Z	27	±2%	680mA	0.288	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN27NJ8Z	27	±5%	680mA	0.288	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN30NG8Z	30	±2%	660mA	0.309	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN30NJ8Z	30	±5%	660mA	0.309	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN33NG8Z	33	±2%	620mA	0.336	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN33NJ8Z	33	±5%	620mA	0.336	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN36NG8Z	36	±2%	540mA	0.431	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN36NJ8Z	36	±5%	540mA	0.431	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN39NG8Z	39	±2%	530mA	0.456	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN39NJ8Z	39	±5%	530mA	0.456	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN43NG8Z	43	±2%	515mA	0.516	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN43NJ8Z	43	±5%	515mA	0.516	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN47NG8Z	47	±2%	440mA	0.648	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN47NJ8Z	47	±5%	440mA	0.648	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN51NG8Z	51	±2%	415mA	0.696	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN51NJ8Z	51	±5%	415mA	0.696	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN53NG8Z	53	±2%	415mA	0.696	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN53NJ8Z	53	±5%	415mA	0.696	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN56NG8Z	56	±2%	340mA	0.996	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN56NJ8Z	56	±5%	340mA	0.996	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN68NG8Z	68	±2%	320mA	1.128	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN68NJ8Z	68	±5%	320mA	1.128	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN75NG8Z	75	±2%	320mA	1.224	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AN75NJ8Z	75	±5%	320mA	1.224	0402 (1005)	Infotainment	50 MHz - 20 GHz
LQW15AW51NG80	51	±2%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW51NH80	51	±3%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW51NJ80	51	±5%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW53NG80	53	±2%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW53NH80	53	±3%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW53NJ80	53	±5%	480mA	0.47	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW56NG80	56	±2%	480mA	0.52	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW56NH80	56	±3%	480mA	0.52	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW56NJ80	56	±5%	480mA	0.52	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW68NG80	68	±2%	480mA	0.56	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW68NH80	68	±3%	480mA	0.56	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW68NJ80	68	±5%	480mA	0.56	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW75NG80	75	±2%	450mA	0.61	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW75NH80	75	±3%	450mA	0.61	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW75NJ80	75	±5%	450mA	0.61	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW82NG80	82	±2%	370mA	0.87	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW82NH80	82	±3%	370mA	0.87	0402 (1005)	General	50 MHz - 20 GHz
LQW15AW82NJ80	82	±5%	370mA	0.87	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR10G80	100	±2%	350mA	1	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR10H80	100	±3%	350mA	1	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR10J80	100	±5%	350mA	1	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR12G80	120	±2%	320mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR12H80	120	±3%	320mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR12J80	120	±5%	320mA	1.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR15G80	150	±2%	280mA	1.71	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR15H80	150	±3%	280mA	1.71	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR15J80	150	±5%	280mA	1.71	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR16G80	160	±2%	280mA	1.86	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR16H80	160	±3%	280mA	1.86	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR16J80	160	±5%	280mA	1.86	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR18G80	180	±2%	260mA	2.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR18H80	180	±3%	260mA	2.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR18J80	180	±5%	260mA	2.2	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR22G80	220	±2%	220mA	2.75	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR22H80	220	±3%	220mA	2.75	0402 (1005)	General	50 MHz - 20 GHz
LQW15AWR22J80	220	±5%	220mA	2.75	0402 (1005)	General	50 MHz - 20 GHz
LQW15CA22NJ00	22	±5%	1300mA	0.06	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA22NK00	22	±10%	1300mA	0.06	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA39NJ00	39	±5%	1100mA	0.075	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA39NK00	39	±10%	1100mA	0.075	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA59NJ00	59	±5%	1000mA	0.095	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA59NK00	59	±10%	1000mA	0.095	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA83NJ00	83	±5%	970mA	0.12	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA83NK00	83	±10%	970mA	0.12	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR11J00	110	±5%	900mA	0.13	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR11K00	110	±10%	900mA	0.13	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR14J00	140	±5%	680mA	0.18	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR14K00	140	±10%	680mA	0.18	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR18J00	180	±5%	640mA	0.21	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR18K00	180	±10%	640mA	0.21	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR22J00	220	±5%	540mA	0.29	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR22K00	220	±10%	540mA	0.29	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR27J00	270	±5%	480mA	0.38	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR27K00	270	±10%	480mA	0.38	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR32J00	320	±5%	420mA	0.41	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR32K00	320	±10%	420mA	0.41	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR37J00	370	±5%	380mA	0.575	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR37K00	370	±10%	380mA	0.575	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR39J00	390	±5%	320mA	0.72	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR39K00	390	±10%	320mA	0.72	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR43J00	430	±5%	360mA	0.68	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR43K00	430	±10%	360mA	0.68	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR50J00	500	±5%	270mA	0.97	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR50K00	500	±10%	270mA	0.97	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR56J00	560	±5%	270mA	1	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR56K00	560	±10%	270mA	1	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR64J00	640	±5%	240mA	1.4	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR64K00	640	±10%	240mA	1.4	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR73J00	730	±5%	200mA	1.95	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR73K00	730	±10%	200mA	1.95	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR80J00	800	±5%	190mA	2.1	0402 (1005)	General	10 MHz - 20 GHz
LQW15CAR80K00	800	±10%	190mA	2.1	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA1R0K00	1000	±10%	180mA	2.2	0402 (1005)	General	10 MHz - 20 GHz
LQW15CA2R0K00	2000	±10%	130mA	3.2	0402 (1005)	General	10 MHz - 20 GHz
LQW15CE1R0M10	1000	±20%	270mA	0.94	0402 (1005)	General	10 MHz - 20 GHz
LQW15CE1R5M10	1500	±20%	190mA	1.5	0402 (1005)	General	10 MHz - 20 GHz
LQW15CE2R2M10	2200	±20%	170mA	1.8	0402 (1005)	General	10 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW15CE3R3M10	3300	±20%	130mA	3.65	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN18N100	18	±5%	1400mA	0.046	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN33N100	33	±5%	1300mA	0.065	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN48N100	48	±5%	1100mA	0.078	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN70N100	70	±5%	820mA	0.12	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN96N100	96	±5%	730mA	0.16	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN131J00	130	±5%	640mA	0.23	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN161J00	160	±5%	480mA	0.33	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN201J00	200	±5%	390mA	0.47	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN18N10Z	18	±5%	1400mA	0.046	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN33N10Z	33	±5%	1300mA	0.065	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN48N10Z	48	±5%	1100mA	0.078	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN70N10Z	70	±5%	820mA	0.12	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN96N10Z	96	±5%	730mA	0.16	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN131J0Z	130	±5%	640mA	0.23	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN161J0Z	160	±5%	480mA	0.33	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN201J0Z	200	±5%	390mA	0.47	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN20N1J10	20	±5%	2200mA	0.028	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN20NK10	20	±10%	2200mA	0.028	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN34N1J10	34	±5%	1800mA	0.036	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN34NK10	34	±10%	1800mA	0.036	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN53N1J10	53	±5%	1300mA	0.06	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN53NK10	53	±10%	1300mA	0.06	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN77N1J10	77	±5%	1100mA	0.09	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN77NK10	77	±10%	1100mA	0.09	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR11J10	106	±5%	850mA	0.144	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR11K10	106	±10%	850mA	0.144	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR14J10	140	±5%	650mA	0.216	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR14K10	140	±10%	650mA	0.216	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR18J10	180	±5%	560mA	0.312	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR18K10	180	±10%	560mA	0.312	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR22J10	220	±5%	450mA	0.47	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR22K10	220	±10%	450mA	0.47	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR27J10	270	±5%	420mA	0.52	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR27K10	270	±10%	420mA	0.52	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR33J10	330	±5%	390mA	0.56	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR33K10	330	±10%	390mA	0.56	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR39J10	390	±5%	370mA	0.62	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR39K10	390	±10%	370mA	0.62	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR42J10	420	±5%	370mA	0.62	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR42K10	420	±10%	370mA	0.62	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR47J10	470	±5%	350mA	0.66	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR47K10	470	±10%	350mA	0.66	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR56J10	560	±5%	300mA	0.71	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR56K10	560	±10%	300mA	0.71	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR68M10	680	±20%	290mA	0.78	0402 (1005)	General	10 MHz - 20 GHz
LQW15CNR82M10	820	±20%	275mA	0.84	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN1R0M10	1000	±20%	270mA	0.94	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN1R5M10	1500	±20%	190mA	1.5	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN2R2M10	2200	±20%	170mA	1.8	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN3R3M10	3300	±20%	130mA	3.65	0402 (1005)	General	10 MHz - 20 GHz
LQW15CN20N1JZ	20	±5%	2200mA	0.028	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN20NK1Z	20	±10%	2200mA	0.028	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN34N1JZ	34	±5%	1800mA	0.036	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN34NK1Z	34	±10%	1800mA	0.036	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN53N1JZ	53	±5%	1300mA	0.06	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN53NK1Z	53	±10%	1300mA	0.06	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN77N1JZ	77	±5%	1100mA	0.09	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CN77NK1Z	77	±10%	1100mA	0.09	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR11J1Z	106	±5%	850mA	0.144	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR11K1Z	106	±10%	850mA	0.144	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR14J1Z	140	±5%	650mA	0.216	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR14K1Z	140	±10%	650mA	0.216	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR18J1Z	180	±5%	560mA	0.312	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR18K1Z	180	±10%	560mA	0.312	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR22J1Z	220	±5%	450mA	0.47	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR22K1Z	220	±10%	450mA	0.47	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR27J1Z	270	±5%	420mA	0.52	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR27K1Z	270	±10%	420mA	0.52	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR33J1Z	330	±5%	390mA	0.56	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR33K1Z	330	±10%	390mA	0.56	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR39J1Z	390	±5%	370mA	0.62	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR39K1Z	390	±10%	370mA	0.62	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR42J1Z	420	±5%	370mA	0.62	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR42K1Z	420	±10%	370mA	0.62	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR47J1Z	470	±5%	350mA	0.66	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR47K1Z	470	±10%	350mA	0.66	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR56J1Z	560	±5%	300mA	0.71	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15CNR56K1Z	560	±10%	300mA	0.71	0402 (1005)	Infotainment	10 MHz - 20 GHz
LQW15DN100M00	10000	±20%	120mA	5.405	0402 (1005)	General	50 MHz - 20 GHz
LQW15DN150M00	15000	±20%	100mA	6.555	0402 (1005)	General	50 MHz - 20 GHz
LQW18AN2N2D00	2.2	±0.5nH	700mA	0.042	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N6C00	3.6	±0.2nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N6D00	3.6	±0.5nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9C00	3.9	±0.2nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9D00	3.9	±0.5nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N3C00	4.3	±0.2nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N3D00	4.3	±0.5nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N7D00	4.7	±0.5nH	850mA	0.059	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN5N6C00	5.6	±0.2nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN5N6D00	5.6	±0.5nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N2C00	6.2	±0.2nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N2D00	6.2	±0.5nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8C00	6.8	±0.2nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8D00	6.8	±0.5nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN7N5C00	7.5	±0.2nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN7N5D00	7.5	±0.5nH	750mA	0.082	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN8N2C00	8.2	±0.2nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN8N2D00	8.2	±0.5nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN8N7C00	8.7	±0.2nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN8N7D00	8.7	±0.5nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN9N1C00	9.1	±0.2nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN9N1D00	9.1	±0.5nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN9N5D00	9.5	±0.5nH	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN10NG00	10	±2%	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN10NJ00	10	±5%	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN11NG00	11	±2%	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN11NJ00	11	±5%	650mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN12NG00	12	±2%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN12NJ00	12	±5%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN13NG00	13	±2%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN13NJ00	13	±5%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN15NG00	15	±2%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN15NJ00	15	±5%	600mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN16NG00	16	±2%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN16NJ00	16	±5%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18AN18NG00	18	±2%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN18NJ00	18	±5%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN20NG00	20	±2%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN20NJ00	20	±5%	550mA	0.16	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN22NG00	22	±2%	500mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN22NJ00	22	±5%	500mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN24NG00	24	±2%	500mA	0.21	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN24NJ00	24	±5%	500mA	0.21	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN27NG00	27	±2%	440mA	0.21	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN27NJ00	27	±5%	440mA	0.21	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN30NG00	30	±2%	420mA	0.23	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN30NJ00	30	±5%	420mA	0.23	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN33NG00	33	±2%	420mA	0.23	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN33NJ00	33	±5%	420mA	0.23	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN36NG00	36	±2%	400mA	0.26	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN36NJ00	36	±5%	400mA	0.26	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN39NG00	39	±2%	400mA	0.26	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN39NJ00	39	±5%	400mA	0.26	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN43NG00	43	±2%	380mA	0.29	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN43NJ00	43	±5%	380mA	0.29	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN47NG00	47	±2%	380mA	0.29	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN47NJ00	47	±5%	380mA	0.29	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN51NG00	51	±2%	370mA	0.33	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN51NJ00	51	±5%	370mA	0.33	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN56NG00	56	±2%	360mA	0.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN56NJ00	56	±5%	360mA	0.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN62NG00	62	±2%	280mA	0.51	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN62NJ00	62	±5%	280mA	0.51	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN68NG00	68	±2%	340mA	0.38	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN68NJ00	68	±5%	340mA	0.38	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN72NG00	72	±2%	270mA	0.56	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN72NJ00	72	±5%	270mA	0.56	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN75NG00	75	±2%	270mA	0.56	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN75NJ00	75	±5%	270mA	0.56	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN82NG00	82	±2%	250mA	0.6	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN82NJ00	82	±5%	250mA	0.6	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN91NG00	91	±2%	230mA	0.64	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN91NJ00	91	±5%	230mA	0.64	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR10G00	100	±2%	220mA	0.68	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR10J00	100	±5%	220mA	0.68	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR11G00	110	±2%	200mA	1.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR11J00	110	±5%	200mA	1.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR12G00	120	±2%	180mA	1.3	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR12J00	120	±5%	180mA	1.3	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR13G00	130	±2%	170mA	1.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR13J00	130	±5%	170mA	1.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR15G00	150	±2%	160mA	1.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR15J00	150	±5%	160mA	1.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR16G00	160	±2%	150mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR16J00	160	±5%	150mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR18G00	180	±2%	140mA	2.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR18J00	180	±5%	140mA	2.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR20G00	200	±2%	120mA	2.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR20J00	200	±5%	120mA	2.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR22G00	220	±2%	120mA	2.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR22J00	220	±5%	120mA	2.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR27G00	270	±2%	110mA	3.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR27J00	270	±5%	110mA	3.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR33G00	330	±2%	85mA	5.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR33J00	330	±5%	85mA	5.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR39G00	390	±2%	80mA	6.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR39J00	390	±5%	80mA	6.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR47G00	470	±2%	75mA	7	0603 (1608)	General	50 MHz - 20 GHz
LQW18ANR47J00	470	±5%	75mA	7	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN2ND0Z	2.2	±0.5nH	700mA	0.042	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N6C0Z	3.6	±0.2nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N6D0Z	3.6	±0.5nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N9C0Z	3.9	±0.2nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N9D0Z	3.9	±0.5nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN4N3C0Z	4.3	±0.2nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN4N3D0Z	4.3	±0.5nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN4N7D0Z	4.7	±0.5nH	850mA	0.059	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN5N6C0Z	5.6	±0.2nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN5N6D0Z	5.6	±0.5nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N2C0Z	6.2	±0.2nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N2D0Z	6.2	±0.5nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N8C0Z	6.8	±0.2nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N8D0Z	6.8	±0.5nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN7N5C0Z	7.5	±0.2nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN7N5D0Z	7.5	±0.5nH	750mA	0.082	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN8N2C0Z	8.2	±0.2nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN8N2D0Z	8.2	±0.5nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN8N7C0Z	8.7	±0.2nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN8N7D0Z	8.7	±0.5nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN9N1C0Z	9.1	±0.2nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN9N1D0Z	9.1	±0.5nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN9N5D0Z	9.5	±0.5nH	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN10NG0Z	10	±2%	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN10NJ0Z	10	±5%	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN11NG0Z	11	±2%	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN11NJ0Z	11	±5%	650mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN12NG0Z	12	±2%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN12NJ0Z	12	±5%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN13NG0Z	13	±2%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN13NJ0Z	13	±5%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN15NG0Z	15	±2%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN15NJ0Z	15	±5%	600mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN16NG0Z	16	±2%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN16NJ0Z	16	±5%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN18NG0Z	18	±2%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN18NJ0Z	18	±5%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN20NG0Z	20	±2%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN20NJ0Z	20	±5%	550mA	0.16	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN22NG0Z	22	±2%	500mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN22NJ0Z	22	±5%	500mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN24NG0Z	24	±2%	500mA	0.21	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN24NJ0Z	24	±5%	500mA	0.21	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN27NG0Z	27	±2%	440mA	0.21	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN27NJ0Z	27	±5%	440mA	0.21	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN30NG0Z	30	±2%	420mA	0.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN30NJ0Z	30	±5%	420mA	0.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN33NG0Z	33	±2%	420mA	0.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN33NJ0Z	33	±5%	420mA	0.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN36NG0Z	36	±2%	400mA	0.26	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN36NJ0Z	36	±5%	400mA	0.26	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN39NG0Z	39	±2%	400mA	0.26	0603 (1608)	Infotainment	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18AN39NJ0Z	39	±5%	400mA	0.26	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN43NG0Z	43	±2%	380mA	0.29	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN43NJ0Z	43	±5%	380mA	0.29	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN47NG0Z	47	±2%	380mA	0.29	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN47NJ0Z	47	±5%	380mA	0.29	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN51NG0Z	51	±2%	370mA	0.33	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN51NJ0Z	51	±5%	370mA	0.33	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN56NG0Z	56	±2%	360mA	0.35	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN56NJ0Z	56	±5%	360mA	0.35	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN62NG0Z	62	±2%	280mA	0.51	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN62NJ0Z	62	±5%	280mA	0.51	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN68NG0Z	68	±2%	340mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN68NJ0Z	68	±5%	340mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN72NG0Z	72	±2%	270mA	0.56	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN72NJ0Z	72	±5%	270mA	0.56	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN75NG0Z	75	±2%	270mA	0.56	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN75NJ0Z	75	±5%	270mA	0.56	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN82NG0Z	82	±2%	250mA	0.6	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN82NJ0Z	82	±5%	250mA	0.6	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN91NG0Z	91	±2%	230mA	0.64	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN91NJ0Z	91	±5%	230mA	0.64	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR10G0Z	100	±2%	220mA	0.68	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR10J0Z	100	±5%	220mA	0.68	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR11G0Z	110	±2%	200mA	1.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR11J0Z	110	±5%	200mA	1.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR12G0Z	120	±2%	180mA	1.3	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR12J0Z	120	±5%	180mA	1.3	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR13G0Z	130	±2%	170mA	1.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR13J0Z	130	±5%	170mA	1.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR15G0Z	150	±2%	160mA	1.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR15J0Z	150	±5%	160mA	1.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR16G0Z	160	±2%	150mA	2.1	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR16J0Z	160	±5%	150mA	2.1	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR18G0Z	180	±2%	140mA	2.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR18J0Z	180	±5%	140mA	2.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR20G0Z	200	±2%	120mA	2.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR20J0Z	200	±5%	120mA	2.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR22G0Z	220	±2%	120mA	2.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR22J0Z	220	±5%	120mA	2.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR27G0Z	270	±2%	110mA	3.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR27J0Z	270	±5%	110mA	3.4	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR33G0Z	330	±2%	85mA	5.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR33J0Z	330	±5%	85mA	5.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR39G0Z	390	±2%	80mA	6.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR39J0Z	390	±5%	80mA	6.2	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR47G0Z	470	±2%	75mA	7	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR47J0Z	470	±5%	75mA	7	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN2N2D10	2.2	±0.5nH	1400mA	0.018	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9C10	3.9	±0.2nH	1000mA	0.032	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9D10	3.9	±0.5nH	1000mA	0.032	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN5N6D10	5.6	±0.5nH	900mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8C10	6.8	±0.2nH	900mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8D10	6.8	±0.5nH	900mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN8N2D10	8.2	±0.5nH	800mA	0.058	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN10NG10	10	±2%	800mA	0.058	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN10NJ10	10	±5%	800mA	0.058	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN12NG10	12	±2%	750mA	0.071	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN12NJ10	12	±5%	750mA	0.071	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN15NJ10	15	±5%	700mA	0.085	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN18NG10	18	±2%	700mA	0.085	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN18NJ10	18	±5%	700mA	0.085	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN22NG10	22	±2%	640mA	0.099	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN22NJ10	22	±5%	640mA	0.099	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN27NG10	27	±2%	590mA	0.116	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN27NJ10	27	±5%	590mA	0.116	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN33NJ10	33	±5%	550mA	0.132	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN2PD1Z	2.2	±0.5nH	1400mA	0.018	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N9C1Z	3.9	±0.2nH	1000mA	0.032	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN3N9D1Z	3.9	±0.5nH	1000mA	0.032	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN5N6D1Z	5.6	±0.5nH	900mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N8C1Z	6.8	±0.2nH	900mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN6N8D1Z	6.8	±0.5nH	900mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN8N2D1Z	8.2	±0.5nH	800mA	0.058	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN10NG1Z	10	±2%	800mA	0.058	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN10NJ1Z	10	±5%	800mA	0.058	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN12NG1Z	12	±2%	750mA	0.071	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN12NJ1Z	12	±5%	750mA	0.071	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN15NJ1Z	15	±5%	700mA	0.085	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN18NG1Z	18	±2%	700mA	0.085	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN18NJ1Z	18	±5%	700mA	0.085	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN22NG1Z	22	±2%	640mA	0.099	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN22NJ1Z	22	±5%	640mA	0.099	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN27NG1Z	27	±2%	590mA	0.116	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN27NJ1Z	27	±5%	590mA	0.116	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN33NJ1Z	33	±5%	550mA	0.132	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN2N2C80	2.2	±0.2nH	3200mA	0.018	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN2N4C80	2.4	±0.2nH	2400mA	0.026	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N0C80	3	±0.2nH	670mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9B80	3.9	±0.1nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9C80	3.9	±0.2nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN3N9G80	3.9	±2%	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N1B80	4.1	±0.1nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N1C80	4.1	±0.2nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N1G80	4.1	±2%	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N2B80	4.2	±0.1nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N2C80	4.2	±0.2nH	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N2G80	4.2	±2%	2200mA	0.028	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N3B80	4.3	±0.1nH	2100mA	0.036	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N3C80	4.3	±0.2nH	2100mA	0.036	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N3G80	4.3	±2%	2100mA	0.036	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N7B80	4.7	±0.1nH	1500mA	0.054	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N7C80	4.7	±0.2nH	1500mA	0.054	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N7G80	4.7	±2%	1500mA	0.054	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N9B80	4.9	±0.1nH	1200mA	0.081	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N9C80	4.9	±0.2nH	1200mA	0.081	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN4N9G80	4.9	±2%	1200mA	0.081	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN5N6C80	5.6	±0.2nH	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN5N6G80	5.6	±2%	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N0C80	6	±0.2nH	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N0G80	6	±2%	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N5C80	6.5	±0.2nH	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N5G80	6.5	±2%	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8C80	6.8	±0.2nH	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN6N8G80	6.8	±2%	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN7N2C80	7.2	±0.2nH	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18AN7N2G80	7.2	±2%	1900mA	0.04	0603 (1608)	General	50 MHz - 20 GHz





Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18AN58NJ8Z	58	±5%	700mA	0.3	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN68NG8Z	68	±2%	630mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN68NJ8Z	68	±5%	630mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN69NG8Z	69	±2%	630mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN69NJ8Z	69	±5%	630mA	0.38	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN72NG8Z	72	±2%	560mA	0.47	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN72NJ8Z	72	±5%	560mA	0.47	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN73NG8Z	73	±2%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN73NJ8Z	73	±5%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN75NG8Z	75	±2%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN75NJ8Z	75	±5%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN78NG8Z	78	±2%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN78NJ8Z	78	±5%	590mA	0.41	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN82NG8Z	82	±2%	550mA	0.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN82NJ8Z	82	±5%	550mA	0.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN83NG8Z	83	±2%	550mA	0.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN83NJ8Z	83	±5%	550mA	0.5	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN91NG8Z	91	±2%	520mA	0.54	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN91NJ8Z	91	±5%	520mA	0.54	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN94NG8Z	94	±2%	490mA	0.63	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AN94NJ8Z	94	±5%	490mA	0.63	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR10G8Z	100	±2%	490mA	0.63	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR10J8Z	100	±5%	490mA	0.63	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR11G8Z	110	±2%	450mA	0.7	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR11J8Z	110	±5%	450mA	0.7	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR12G8Z	120	±2%	450mA	0.72	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR12J8Z	120	±5%	450mA	0.72	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR15G8Z	150	±2%	420mA	0.87	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR15J8Z	150	±5%	420mA	0.87	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR18G8Z	180	±2%	310mA	1.65	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR18J8Z	180	±5%	310mA	1.65	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR20G8Z	200	±2%	290mA	1.74	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR20J8Z	200	±5%	290mA	1.74	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR21G8Z	210	±2%	280mA	1.98	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR21J8Z	210	±5%	280mA	1.98	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR22G8Z	220	±2%	280mA	2.08	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR22J8Z	220	±5%	280mA	2.08	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR25G8Z	250	±2%	250mA	2.28	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR25J8Z	250	±5%	250mA	2.28	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR27G8Z	270	±2%	260mA	2.42	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR27J8Z	270	±5%	260mA	2.42	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR30G8Z	300	±2%	220mA	3.12	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR30J8Z	300	±5%	220mA	3.12	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR33G8Z	330	±2%	190mA	3.84	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR33J8Z	330	±5%	190mA	3.84	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR36G8Z	360	±2%	190mA	3.98	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR36J8Z	360	±5%	190mA	3.98	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR39G8Z	390	±2%	190mA	4.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ANR39J8Z	390	±5%	190mA	4.23	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS1N2C00	1.2	±0.2nH	1400mA	0.02	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS1N2J00	1.2	±5%	1400mA	0.02	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS1N6J00	1.6	±5%	700mA	0.03	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS1N8J00	1.8	±5%	700mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS2N0J00	2	±5%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N3G00	3.3	±2%	700mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N3J00	3.3	±5%	700mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N6G00	3.6	±2%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N6J00	3.6	±5%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N9G00	3.9	±2%	700mA	0.08	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N9J00	3.9	±5%	700mA	0.08	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N3G00	4.3	±2%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N3J00	4.3	±5%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N7G00	4.7	±2%	700mA	0.116	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N7J00	4.7	±5%	700mA	0.116	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N1G00	5.1	±2%	700mA	0.14	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N1J00	5.1	±5%	700mA	0.14	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N6G00	5.6	±2%	700mA	0.075	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N6J00	5.6	±5%	700mA	0.075	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS6N8G00	6.8	±2%	700mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS6N8J00	6.8	±5%	700mA	0.11	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS7N5G00	7.5	±2%	700mA	0.106	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS7N5J00	7.5	±5%	700mA	0.106	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N2G00	8.2	±2%	700mA	0.115	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N2J00	8.2	±5%	700mA	0.115	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N7G00	8.7	±2%	700mA	0.109	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N7J00	8.7	±5%	700mA	0.109	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS9N5G00	9.5	±2%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS9N5J00	9.5	±5%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS10N00	10	±2%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS10NJ00	10	±5%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS11NG00	11	±2%	700mA	0.086	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS11NJ00	11	±5%	700mA	0.086	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS12NG00	12	±2%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS12NJ00	12	±5%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS15NG00	15	±2%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS15NJ00	15	±5%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS16NG00	16	±2%	700mA	0.104	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS16NJ00	16	±5%	700mA	0.104	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS18NG00	18	±2%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS18NJ00	18	±5%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS22NG00	22	±2%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS22NJ00	22	±5%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS23NG00	23	±2%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS23NJ00	23	±5%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS24NG00	24	±2%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS24NJ00	24	±5%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS27NG00	27	±2%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS27NJ00	27	±5%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS30NG00	30	±2%	600mA	0.144	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS30NJ00	30	±5%	600mA	0.144	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS33NG00	33	±2%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS33NJ00	33	±5%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS36NG00	36	±2%	600mA	0.25	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS36NJ00	36	±5%	600mA	0.25	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS39NG00	39	±2%	600mA	0.25	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS39NJ00	39	±5%	600mA	0.25	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS43NG00	43	±2%	600mA	0.28	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS43NJ00	43	±5%	600mA	0.28	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS47NG00	47	±2%	600mA	0.28	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS47NJ00	47	±5%	600mA	0.28	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS51NG00	51	±2%	600mA	0.27	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS51NJ00	51	±5%	600mA	0.27	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS56NG00	56	±2%	600mA	0.31	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS56NJ00	56	±5%	600mA	0.31	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS68NG00	68	±2%	600mA	0.34	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS68NJ00	68	±5%	600mA	0.34	0603 (1608)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18AS72NG00	72	±2%	400mA	0.49	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS72NJ00	72	±5%	400mA	0.49	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS82NG00	82	±2%	400mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS82NJ00	82	±5%	400mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR10G00	100	±2%	400mA	0.58	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR10J00	100	±5%	400mA	0.58	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR11G00	110	±2%	300mA	0.61	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR11J00	110	±5%	300mA	0.61	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR12G00	120	±2%	300mA	0.65	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR12J00	120	±5%	300mA	0.65	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR15G00	150	±2%	280mA	0.82	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR15J00	150	±5%	280mA	0.92	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR18G00	180	±2%	240mA	1.25	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR18J00	180	±5%	240mA	1.25	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR20G00	200	±2%	200mA	1.98	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR20J00	200	±5%	200mA	1.98	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR21G00	210	±2%	200mA	2.06	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR21J00	210	±5%	200mA	2.06	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR22G00	220	±2%	200mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR22J00	220	±5%	200mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR25G00	250	±2%	120mA	3.55	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR25J00	250	±5%	120mA	3.55	0603 (1608)	General	5 MHz - 10 GHz
LQW18ASR27G00	270	±2%	170mA	2.3	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR27J00	270	±5%	170mA	2.3	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR33G00	330	±2%	100mA	3.89	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR33J00	330	±5%	100mA	3.89	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR39G00	390	±2%	100mA	4.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR39J00	390	±5%	100mA	4.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS1N6J0C	1.6	±5%	700mA	0.03	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS3N3G0C	3.3	±2%	700mA	0.045	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N3G0C	4.3	±2%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS4N3J0C	4.3	±5%	700mA	0.063	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N6G0C	5.6	±2%	700mA	0.075	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS5N6J0C	5.6	±5%	700mA	0.075	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N2G0C	8.2	±2%	700mA	0.115	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS8N2J0C	8.2	±5%	700mA	0.115	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS10NG0C	10	±2%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS10NJ0C	10	±5%	700mA	0.13	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS11NG0C	11	±2%	700mA	0.086	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS11NJ0C	11	±5%	700mA	0.086	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS15NG0C	15	±2%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS15NJ0C	15	±5%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS16NG0C	16	±2%	700mA	0.104	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS16NJ0C	16	±5%	700mA	0.104	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS18NG0C	18	±2%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS18NJ0C	18	±5%	700mA	0.17	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS22NG0C	22	±2%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS22NJ0C	22	±5%	700mA	0.19	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS24NG0C	24	±2%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS24NJ0C	24	±5%	700mA	0.135	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS33NG0C	33	±2%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS33NJ0C	33	±5%	600mA	0.22	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS47NG0C	47	±2%	600mA	0.28	0603 (1608)	General	5 MHz - 10 GHz
LQW18AS56NG0C	56	±2%	600mA	0.31	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS56NJ0C	56	±5%	600mA	0.31	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS68NG0C	68	±2%	600mA	0.34	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS68NJ0C	68	±5%	600mA	0.34	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS82NG0C	82	±2%	400mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS82NJ0C	82	±5%	400mA	0.54	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR10G0C	100	±2%	400mA	0.58	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR10J0C	100	±5%	400mA	0.58	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR12G0C	120	±2%	300mA	0.65	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR12J0C	120	±5%	300mA	0.65	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR15G0C	150	±2%	280mA	0.92	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR15J0C	150	±5%	280mA	0.92	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR18G0C	180	±2%	240mA	1.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR18J0C	180	±5%	240mA	1.4	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR20G0C	220	±2%	200mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR20J0C	220	±5%	200mA	2.1	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR27G0C	270	±2%	130mA	2.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR27J0C	270	±5%	130mA	2.5	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR33G0C	330	±2%	100mA	3.89	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR33J0C	330	±5%	100mA	3.89	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR39G0C	390	±2%	100mA	4.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18ASR39J0C	390	±5%	100mA	4.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18AS1N6J0Z	1.6	±5%	700mA	0.03	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS1N8J0Z	1.8	±5%	700mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N3G0Z	3.3	±2%	700mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N3J0Z	3.3	±5%	700mA	0.045	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N6G0Z	3.6	±2%	700mA	0.063	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N6J0Z	3.6	±5%	700mA	0.063	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N9G0Z	3.9	±2%	700mA	0.08	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS3N9J0Z	3.9	±5%	700mA	0.08	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS4N3G0Z	4.3	±2%	700mA	0.063	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS4N3J0Z	4.3	±5%	700mA	0.063	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS4N7G0Z	4.7	±2%	700mA	0.116	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS4N7J0Z	4.7	±5%	700mA	0.116	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS5N1G0Z	5.1	±2%	700mA	0.14	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS5N1J0Z	5.1	±5%	700mA	0.14	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS5N6G0Z	5.6	±2%	700mA	0.075	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS5N6J0Z	5.6	±5%	700mA	0.075	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS6N8G0Z	6.8	±2%	700mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS6N8J0Z	6.8	±5%	700mA	0.11	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS7N5G0Z	7.5	±2%	700mA	0.106	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS7N5J0Z	7.5	±5%	700mA	0.106	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS8N2G0Z	8.2	±2%	700mA	0.115	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS8N2J0Z	8.2	±5%	700mA	0.115	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS8N7G0Z	8.7	±2%	700mA	0.109	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS8N7J0Z	8.7	±5%	700mA	0.109	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS9N5G0Z	9.5	±2%	700mA	0.135	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS9N5J0Z	9.5	±5%	700mA	0.135	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS10NG0Z	10	±2%	700mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS10NJ0Z	10	±5%	700mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS11NG0Z	11	±2%	700mA	0.086	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS11NJ0Z	11	±5%	700mA	0.086	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS12NG0Z	12	±2%	700mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS12NJ0Z	12	±5%	700mA	0.13	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS15NG0Z	15	±2%	700mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS15NJ0Z	15	±5%	700mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS16NG0Z	16	±2%	700mA	0.104	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS16NJ0Z	16	±5%	700mA	0.104	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS18NG0Z	18	±2%	700mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS18NJ0Z	18	±5%	700mA	0.17	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS22NG0Z	22	±2%	700mA	0.19	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS22NJ0Z	22	±5%	700mA	0.19	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS23NG0Z	23	±2%	700mA	0.19	0603 (1608)	Infotainment	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18AS23NJ0Z	23	±5%	700mA	0.19	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS24NG0Z	24	±2%	700mA	0.135	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS24NJ0Z	24	±5%	700mA	0.135	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS27NG0Z	27	±2%	600mA	0.22	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS27NJ0Z	27	±5%	600mA	0.22	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS30NG0Z	30	±2%	600mA	0.144	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS30NJ0Z	30	±5%	600mA	0.144	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS33NG0Z	33	±2%	600mA	0.22	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS33NJ0Z	33	±5%	600mA	0.22	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS36NG0Z	36	±2%	600mA	0.25	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS36NJ0Z	36	±5%	600mA	0.25	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS39NG0Z	39	±2%	600mA	0.25	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS39NJ0Z	39	±5%	600mA	0.25	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS43NG0Z	43	±2%	600mA	0.28	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS43NJ0Z	43	±5%	600mA	0.28	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS47NG0Z	47	±2%	600mA	0.28	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS47NJ0Z	47	±5%	600mA	0.28	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS51NG0Z	51	±2%	600mA	0.27	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS51NJ0Z	51	±5%	600mA	0.27	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS56NG0Z	56	±2%	600mA	0.31	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS56NJ0Z	56	±5%	600mA	0.31	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS68NG0Z	68	±2%	600mA	0.34	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS68NJ0Z	68	±5%	600mA	0.34	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS72NG0Z	72	±2%	400mA	0.49	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS72NJ0Z	72	±5%	400mA	0.49	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18AS82NG0Z	82	±2%	400mA	0.54	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18AS82NJ0Z	82	±5%	400mA	0.54	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR10G0Z	100	±2%	400mA	0.58	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR10J0Z	100	±5%	400mA	0.58	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR11G0Z	110	±2%	300mA	0.61	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR11J0Z	110	±5%	300mA	0.61	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR12G0Z	120	±2%	300mA	0.65	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR12J0Z	120	±5%	300mA	0.65	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR15G0Z	150	±2%	280mA	0.92	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR15J0Z	150	±5%	280mA	0.92	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR18G0Z	180	±2%	240mA	1.25	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR18J0Z	180	±5%	240mA	1.25	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR20G0Z	200	±2%	200mA	1.98	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR20J0Z	200	±5%	200mA	1.98	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR21G0Z	210	±2%	200mA	2.06	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR21J0Z	210	±5%	200mA	2.06	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR22G0Z	220	±2%	200mA	2.1	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR22J0Z	220	±5%	200mA	2.1	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR25G0Z	250	±2%	120mA	3.55	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR25J0Z	250	±5%	120mA	3.55	0603 (1608)	Infotainment	5 MHz - 10 GHz
LQW18ASR27G0Z	270	±2%	170mA	2.3	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR27J0Z	270	±5%	170mA	2.3	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR33G0Z	330	±2%	100mA	3.89	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR33J0Z	330	±5%	100mA	3.89	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR39G0Z	390	±2%	100mA	4.35	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18ASR39J0Z	390	±5%	100mA	4.35	0603 (1608)	Infotainment	50 MHz - 20 GHz
LQW18CA32NJ00	32	±5%	2200mA	0.03	0603 (1608)	General	50 MHz - 20 GHz
LQW18CA56NJ00	56	±5%	1850mA	0.04	0603 (1608)	General	50 MHz - 20 GHz
LQW18CA85NJ00	85	±5%	1650mA	0.048	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR12J00	120	±5%	1500mA	0.058	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR16J00	160	±5%	1300mA	0.075	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR21J00	210	±5%	1050mA	0.115	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR27J00	270	±5%	900mA	0.15	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR33J00	330	±5%	780mA	0.2	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR40J00	400	±5%	680mA	0.26	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR48J00	480	±5%	580mA	0.35	0603 (1608)	General	50 MHz - 20 GHz
LQW18CAR58J00	580	±5%	450mA	0.46	0603 (1608)	General	50 MHz - 20 GHz
LQW18CN4N9D00	4.9	±0.5nH	2600mA	0.015	0603 (1608)	General	10 MHz - 20 GHz
LQW18CN15NJ00	15	±5%	2200mA	0.025	0603 (1608)	General	10 MHz - 20 GHz
LQW18CN33NJ00	33	±5%	1700mA	0.035	0603 (1608)	General	10 MHz - 20 GHz
LQW18CN55NJ00	55	±5%	1500mA	0.045	0603 (1608)	General	10 MHz - 20 GHz
LQW18CN85NJ00	85	±5%	1400mA	0.06	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR10K00	100	±10%	1000mA	0.1	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR12J00	120	±5%	1100mA	0.085	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR16J00	160	±5%	1000mA	0.1	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR21J00	210	±5%	800mA	0.15	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR27J00	270	±5%	750mA	0.16	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR33J00	330	±5%	630mA	0.25	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR39J00	390	±5%	620mA	0.28	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR47J00	470	±5%	500mA	0.45	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR56J00	560	±5%	450mA	0.48	0603 (1608)	General	10 MHz - 20 GHz
LQW18CNR65J00	650	±5%	430mA	0.52	0603 (1608)	General	10 MHz - 20 GHz
LQW18CN4N9D0H	4.9	±0.5nH	2600mA	0.015	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CN15NJ0H	15	±5%	2200mA	0.025	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CN33NJ0H	33	±5%	1700mA	0.035	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CN55NJ0H	55	±5%	1500mA	0.045	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CN85NJ0H	85	±5%	1400mA	0.06	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR10K0H	100	±10%	1000mA	0.1	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR12J0H	120	±5%	1100mA	0.085	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR16J0H	160	±5%	1000mA	0.1	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR21J0H	210	±5%	800mA	0.15	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR27J0H	270	±5%	750mA	0.16	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR33J0H	330	±5%	630mA	0.25	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR39J0H	390	±5%	620mA	0.28	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR47J0H	470	±5%	500mA	0.45	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR56J0H	560	±5%	450mA	0.48	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CNR65J0H	650	±5%	430mA	0.52	0603 (1608)	Powertrain/Safety	10 MHz - 20 GHz
LQW18CN4N9D0Z	4.9	±0.5nH	2600mA	0.015	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CN15NJ0Z	15	±5%	2200mA	0.025	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CN33NJ0Z	33	±5%	1700mA	0.035	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CN55NJ0Z	55	±5%	1500mA	0.045	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CN85NJ0Z	85	±5%	1400mA	0.06	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR10K0Z	100	±10%	1000mA	0.1	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR12J0Z	120	±5%	1100mA	0.085	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR16J0Z	160	±5%	1000mA	0.1	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR21J0Z	210	±5%	800mA	0.15	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR27J0Z	270	±5%	750mA	0.16	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR33J0Z	330	±5%	630mA	0.25	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR39J0Z	390	±5%	620mA	0.28	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR47J0Z	470	±5%	500mA	0.45	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR56J0Z	560	±5%	450mA	0.48	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CNR65J0Z	650	±5%	430mA	0.52	0603 (1608)	Infotainment	10 MHz - 20 GHz
LQW18CN30NJL0	30	±5%	1350mA	0.05	0603 (1608)	General	1 MHz - 20 GHz
LQW18CN51NJL0	51	±5%	1150mA	0.066	0603 (1608)	General	1 MHz - 20 GHz
LQW18CN75NJL0	75	±5%	1050mA	0.082	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR12JL0	115	±5%	950mA	0.1	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR15JL0	150	±5%	900mA	0.12	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR24JL0	240	±5%	770mA	0.15	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR30JL0	300	±5%	650mA	0.19	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR43JL0	430	±5%	500mA	0.33	0603 (1608)	General	1 MHz - 20 GHz
LQW18CNR51JL0	510	±5%	430mA	0.45	0603 (1608)	General	1 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW18CNR59JL0	590	±5%	420mA	0.48	0603 (1608)	General	1 MHz - 20 GHz
LQW18FTR55KH	550	±10%	800mA	0.19	0603 (1608)	Powertrain/Safety	50 kHz - 20 GHz
LQW18FT1R2KH	1200	±10%	560mA	0.37	0603 (1608)	Powertrain/Safety	50 kHz - 20 GHz
LQW18FT1R5KH	1500	±10%	530mA	0.42	0603 (1608)	Powertrain/Safety	50 kHz - 20 GHz
LQW18FT2B2KH	2200	±10%	390mA	0.77	0603 (1608)	Powertrain/Safety	50 kHz - 20 GHz
LQW21FTR47M0H	470	±20%	1100mA	0.05	0805 (2012)	Powertrain/Safety	1 MHz - 20 GHz
LQW21FTR82M0H	820	±20%	800mA	0.09	0805 (2012)	Powertrain/Safety	1 MHz - 20 GHz
LQW21FT1R0M0H	1000	±20%	700mA	0.13	0805 (2012)	Powertrain/Safety	1 MHz - 20 GHz
LQW21FT1R5M0H	1500	±20%	550mA	0.18	0805 (2012)	Powertrain/Safety	1 MHz - 20 GHz
LQW21FT2R0M0H	2000	±20%	450mA	0.29	0805 (2012)	Powertrain/Safety	1 MHz - 20 GHz
LQW2BAN2J00	3.2	±5%	3800mA	0.02	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN3M00	3.6	±5%	2000mA	0.05	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN6N8J00	6.8	±5%	3000mA	0.03	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN7N5J00	7.5	±5%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN8N2G00	8.2	±2%	1500mA	0.09	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN8N2J00	8.2	±5%	1500mA	0.09	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN11NG00	11	±2%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN11NJ00	11	±5%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN12NG00	12	±2%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN12NJ00	12	±5%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN13NG00	13	±2%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN13NJ00	13	±5%	2400mA	0.04	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN15NG00	15	±2%	1500mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN15NJ00	15	±5%	1500mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN18NG00	18	±2%	2200mA	0.05	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN18NJ00	18	±5%	2200mA	0.05	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN20NG00	20	±2%	2200mA	0.05	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN20NJ00	20	±5%	2200mA	0.05	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN22NG00	22	±2%	1900mA	0.07	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN22NJ00	22	±5%	1900mA	0.07	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN24NG00	24	±2%	1400mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN24NJ00	24	±5%	1400mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN27NG00	27	±2%	2000mA	0.07	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN27NJ00	27	±5%	2000mA	0.07	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN30NG00	30	±2%	2000mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN30NJ00	30	±5%	2000mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN33NG00	33	±2%	1500mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN33NJ00	33	±5%	1500mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN36NG00	36	±2%	1900mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN36NJ00	36	±5%	1900mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN39NG00	39	±2%	1900mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN39NJ00	39	±5%	1900mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN43NG00	43	±2%	1550mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN43NJ00	43	±5%	1550mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN47NG00	47	±2%	1250mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN47NJ00	47	±5%	1250mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN51NG00	51	±2%	1800mA	0.11	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN51NJ00	51	±5%	1800mA	0.11	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN56NG00	56	±2%	1250mA	0.18	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN56NJ00	56	±5%	1250mA	0.18	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN62NG00	62	±2%	1650mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN62NJ00	62	±5%	1650mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN68NG00	68	±2%	1250mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN68NJ00	68	±5%	1250mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN75NG00	75	±2%	1100mA	0.28	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN75NJ00	75	±5%	1100mA	0.28	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN82NG00	82	±2%	1200mA	0.24	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN82NJ00	82	±5%	1200mA	0.24	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN91NG00	91	±2%	1300mA	0.21	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAN91NJ00	91	±5%	1300mA	0.21	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR10G00	100	±2%	1050mA	0.35	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR10J00	100	±5%	1050mA	0.35	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR11G00	110	±2%	970mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR11J00	110	±5%	970mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR12G00	120	±2%	970mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR12J00	120	±5%	970mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR13G00	130	±2%	950mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR13J00	130	±5%	950mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR15G00	150	±2%	930mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR15J00	150	±5%	930mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR18G00	160	±2%	930mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR18J00	160	±5%	930mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR18G00	180	±2%	800mA	0.58	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR18J00	180	±5%	800mA	0.58	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR20G00	200	±2%	750mA	0.63	0805 (2015)	General	50 MHz - 20 GHz
LQW2BANR20J00	200	±5%	750mA	0.63	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS2N7J00	2.7	±5%	910mA	0.03	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS2N8J00	2.8	±5%	800mA	0.06	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS3N0J00	3	±5%	800mA	0.06	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS5N6J00	5.6	±5%	600mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS6N0J00	6	±5%	600mA	0.03	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS6N8J00	6.8	±5%	600mA	0.11	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS7N5J00	7.5	±5%	600mA	0.14	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS8N2G00	8.2	±2%	600mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS8N2J00	8.2	±5%	600mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10NG00	10	±2%	600mA	0.1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10NJ00	10	±5%	600mA	0.1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS12NG00	12	±2%	600mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS12NJ00	12	±5%	600mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS15NG00	15	±2%	600mA	0.17	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS15NJ00	15	±5%	600mA	0.17	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS18NG00	18	±2%	600mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS18NJ00	18	±5%	600mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS22NG00	22	±2%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS22NJ00	22	±5%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS24NG00	24	±2%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS24NJ00	24	±5%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS27NG00	27	±2%	500mA	0.25	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS27NJ00	27	±5%	500mA	0.25	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS33NG00	33	±2%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS33NJ00	33	±5%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS36NG00	36	±2%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS36NJ00	36	±5%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS39NG00	39	±2%	500mA	0.29	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS39NJ00	39	±5%	500mA	0.29	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS43NG00	43	±2%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS43NJ00	43	±5%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS47NG00	47	±2%	500mA	0.31	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS47NJ00	47	±5%	500mA	0.31	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS56NG00	56	±2%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS56NJ00	56	±5%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS68NG00	68	±2%	500mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS68NJ00	68	±5%	500mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS82NG00	82	±2%	400mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS82NJ00	82	±5%	400mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS91NG00	91	±2%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz

Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW2BAS91NJ00	91	±5%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR10G00	100	±2%	400mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR10J00	100	±5%	400mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR11G00	110	±2%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR11J00	110	±5%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR12G00	120	±2%	400mA	0.51	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR12J00	120	±5%	400mA	0.51	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR15G00	150	±2%	400mA	0.56	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR15J00	150	±5%	400mA	0.56	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR18G00	180	±2%	400mA	0.64	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR18J00	180	±5%	400mA	0.64	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR22G00	220	±2%	400mA	0.7	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR22J00	220	±5%	400mA	0.7	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR24G00	240	±2%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR24J00	240	±5%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR27G00	270	±2%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR27J00	270	±5%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR33G00	330	±2%	310mA	1.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR33J00	330	±5%	310mA	1.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR39J00	390	±5%	290mA	1.5	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR47J00	470	±5%	250mA	1.76	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR56J00	560	±5%	230mA	1.9	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR68J00	680	±5%	190mA	2.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR82J00	820	±5%	180mA	2.35	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS1R0J00	1000	±5%	170mA	2.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS2N7J0C	2.7	±5%	910mA	0.03	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS2N8J0C	2.8	±5%	800mA	0.06	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS3N0J0C	3	±5%	800mA	0.06	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS5N6J0C	5.6	±5%	600mA	0.08	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS6N0J0C	6	±5%	600mA	0.03	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS6N8J0C	6.8	±5%	600mA	0.11	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS7N5J0C	7.5	±5%	600mA	0.14	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS8N2G0C	8.2	±2%	600mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS8N2J0C	8.2	±5%	600mA	0.12	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10NG0C	10	±2%	600mA	0.1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10NJ0C	10	±5%	600mA	0.1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS12NG0C	12	±2%	600mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS12NJ0C	12	±5%	600mA	0.15	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS15NG0C	15	±2%	600mA	0.17	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS15NJ0C	15	±5%	600mA	0.17	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS18NG0C	18	±2%	600mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS18NJ0C	18	±5%	600mA	0.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS22NG0C	22	±2%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS22NJ0C	22	±5%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS24NG0C	24	±2%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS24NJ0C	24	±5%	500mA	0.22	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS27NG0C	27	±2%	500mA	0.25	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS27NJ0C	27	±5%	500mA	0.25	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS33NG0C	33	±2%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS33NJ0C	33	±5%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS36NG0C	36	±2%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS36NJ0C	36	±5%	500mA	0.27	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS39NG0C	39	±2%	500mA	0.29	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS39NJ0C	39	±5%	500mA	0.29	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS43NG0C	43	±2%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS43NJ0C	43	±5%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS47NG0C	47	±2%	500mA	0.31	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS47NJ0C	47	±5%	500mA	0.31	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS56NG0C	56	±2%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS56NJ0C	56	±5%	500mA	0.34	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS68NG0C	68	±2%	500mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS68NJ0C	68	±5%	500mA	0.38	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS82NG0C	82	±2%	400mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS82NJ0C	82	±5%	400mA	0.42	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS91NG0C	91	±2%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS91NJ0C	91	±5%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10G0C	100	±2%	400mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS10J0C	100	±5%	400mA	0.46	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR11G0C	110	±2%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR11J0C	110	±5%	400mA	0.48	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR12G0C	120	±2%	400mA	0.51	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR12J0C	120	±5%	400mA	0.51	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR15G0C	150	±2%	400mA	0.56	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR15J0C	150	±5%	400mA	0.56	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR18G0C	180	±2%	400mA	0.64	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR18J0C	180	±5%	400mA	0.64	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR22G0C	220	±2%	400mA	0.7	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR22J0C	220	±5%	400mA	0.7	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR24G0C	240	±2%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR24J0C	240	±5%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR27G0C	270	±2%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR27J0C	270	±5%	350mA	1	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR33G0C	330	±2%	310mA	1.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR33J0C	330	±5%	310mA	1.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR39J0C	390	±5%	290mA	1.5	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR47J0C	470	±5%	250mA	1.76	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR50J0C	500	±5%	200mA	3.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR56J0C	560	±5%	230mA	1.9	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR68J0C	680	±5%	190mA	2.2	0805 (2015)	General	50 MHz - 20 GHz
LQW2BASR82J0C	820	±5%	180mA	2.35	0805 (2015)	General	50 MHz - 20 GHz
LQW2BAS1R0J0C	1000	±5%	170mA	2.4	0805 (2015)	General	50 MHz - 20 GHz
LQW2UAS12NG00	12	±2%	1000mA	0.09	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS12NJ00	12	±5%	1000mA	0.09	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS18NG00	18	±2%	1000mA	0.11	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS18NJ00	18	±5%	1000mA	0.11	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS22NF00	22	±1%	1000mA	0.12	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS22NG00	22	±2%	1000mA	0.12	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS22NJ00	22	±5%	1000mA	0.12	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS27NG00	27	±2%	1000mA	0.13	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS27NJ00	27	±5%	1000mA	0.13	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS33NF00	33	±1%	1000mA	0.14	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS33NG00	33	±2%	1000mA	0.14	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS33NJ00	33	±5%	1000mA	0.14	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS39NF00	39	±1%	1000mA	0.15	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS39NG00	39	±2%	1000mA	0.15	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS39NJ00	39	±5%	1000mA	0.15	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS47NF00	47	±1%	1000mA	0.16	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS47NG00	47	±2%	1000mA	0.16	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS47NJ00	47	±5%	1000mA	0.16	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS56NF00	56	±1%	1000mA	0.18	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS56NG00	56	±2%	1000mA	0.18	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS56NJ00	56	±5%	1000mA	0.18	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS68NF00	68	±1%	1000mA	0.2	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS68NG00	68	±2%	1000mA	0.2	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS68NJ00	68	±5%	1000mA	0.2	1008 (2520)	General	50 MHz - 20 GHz
LQW2UAS82NF00	82	±1%	1000mA	0.22	1008 (2520)	General	50 MHz - 20 GHz



Part Number	Inductance (nH)	Tolerance	Rated Current (Based on Temp. rise)	Max. of DC resistance (ohm)	Size Code inch (mm)	Type	Frequency Range (simulation model)
LQW2UASR62G0C	620	±2%	300mA	1.4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR62J0C	620	±5%	300mA	1.4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR68F0C	680	±1%	400mA	1.47	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR68G0C	680	±2%	400mA	1.47	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR68J0C	680	±5%	400mA	1.47	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR75F0C	750	±1%	360mA	1.54	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR75G0C	750	±2%	360mA	1.54	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR75J0C	750	±5%	360mA	1.54	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR82F0C	820	±1%	400mA	1.61	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR82G0C	820	±2%	400mA	1.61	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR82J0C	820	±5%	400mA	1.61	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR91F0C	910	±1%	380mA	1.68	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR91G0C	910	±2%	380mA	1.68	1008 (2520)	General	50 MHz – 20 GHz
LQW2UASR91J0C	910	±5%	380mA	1.68	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R0F0C	1000	±1%	370mA	1.75	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R0G0C	1000	±2%	370mA	1.75	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R0J0C	1000	±5%	370mA	1.75	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R2F0C	1200	±1%	310mA	2	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R2G0C	1200	±2%	310mA	2	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R2J0C	1200	±5%	310mA	2	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R5G0C	1500	±2%	330mA	2.3	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R5J0C	1500	±5%	330mA	2.3	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R8G0C	1800	±2%	300mA	2.6	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS1R8J0C	1800	±5%	300mA	2.6	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS2R2G0C	2200	±2%	280mA	2.8	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS2R2J0C	2200	±5%	280mA	2.8	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS2R7G0C	2700	±2%	290mA	3.2	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS2R7J0C	2700	±5%	290mA	3.2	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS3R3G0C	3300	±2%	290mA	3.4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS3R3J0C	3300	±5%	290mA	3.4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS3R9G0C	3900	±2%	260mA	3.6	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS3R9J0C	3900	±5%	260mA	3.6	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS4R7G0C	4700	±2%	260mA	4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS4R7J0C	4700	±5%	260mA	4	1008 (2520)	General	50 MHz – 20 GHz
LQW2UAS5R6J0C	5600	±5%	240mA	4	1008 (2520)	General	1 MHz – 20 GHz
LQW2UAS6R8J0C	6800	±5%	200mA	4.9	1008 (2520)	General	1 MHz – 20 GHz
LQW2UAS8R2J0C	8200	±5%	170mA	6	1008 (2520)	General	1 MHz – 20 GHz
LQW32FT2R2M0H	2200	±20%	1000mA	0.19	1210 (3225)	Powertrain/Safety	1 MHz – 20 GHz
LQW32FT2R7M0H	2700	±20%	975mA	0.22	1210 (3225)	Powertrain/Safety	1 MHz – 20 GHz
LQW32FT3R3M0H	3300	±20%	950mA	0.24	1210 (3225)	Powertrain/Safety	1 MHz – 20 GHz
LQW32FT4R7M0H	4700	±20%	850mA	0.28	1210 (3225)	Powertrain/Safety	1 MHz – 20 GHz