

Part Type	Designator	Footprint	Part Field 1	Part Field 2	Part Field 3	Part Field 4	
0	R1.151	0402S	RES.CHIP	P0.0KJCT-ND	5% 1/16W	PANASONIC	
0	R1.150	0402S	RES.CHIP	P0.0KJCT-ND	5% 1/16W	PANASONIC	
0.5pF	C1.46	0402S	Cap, Chip	PCC0R5CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
0.5pF	C1.49	0402S	Cap, Chip	PCC0R5CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
0.5pF	C1.45	0402S	Cap, Chip	PCC0R5CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
1.00K	R1.117	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.125	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.10	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.116	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.115	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.67	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.39	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.108	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.31	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.75	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.00K	R1.107	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
1.0pF	C1.58	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50v	Panasonic	
1.0pF	C1.51	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
1.0pF	C1.128	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50v	Panasonic	
1.0pF	C1.129	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50v	Panasonic	
1.0pF	C1.28	0402S	Cap, Chip	PCC2252CT-ND	+ -0.1pF,COG,25V	Panasonic	
1.0pF	C1.131	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50v	Panasonic	
1.0pF	C1.130	0402S	Cap, Chip	PCC010CQCT-ND	+ -0.25pF,NPO,50v	Panasonic	
1.0uF	C1.32	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.4	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.123	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.95	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.117	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.11	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.18	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.15	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.7	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.12	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.92	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.120	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	

1.0uF	C1.114	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
1.0uF	C1.2	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.0uF	C1.38	0603R	Cap, Chip	PCC1787CT-ND	+80-20%,Y5V,10V	Panasonic	
1.1pF	C1.50	0402S	Cap, Chip	PCC010CQCT-ND	+-0.25pF,NPO,50V	Panasonic	
1.1pF	C1.35	0402S	Cap, Chip	PCC2252CT-ND	+-0.1pF,COG,25V	Panasonic	
1.1pF	C1.36	0402S	Cap, Chip	PCC2252CT-ND	+-0.1pF,COG,25V	Panasonic	
1.1pF	C1.29	0402S	Cap, Chip	PCC2252CT-ND	+-0.1pF,COG,25V	Panasonic	
1.8pF	C1.52	0402S	Cap, Chip	PCC1R5CQCT-ND	+-0.25pF,NPO,50V	Panasonic	
2.2nHn	L1.6	0402S	Induc. Chip	0805-2N2XGBW	+-5%.100mA	CoilCraft	
2.2nHn	L1.28	0402S	Induc. Chip	0805-2N2XGBW	+-5%.100mA	CoilCraft	
2.2nHn	L1.29	0402S	Induc. Chip	0805-2N2XGBW	+-5%.100mA	CoilCraft	
2.2nHn	L1.5	0402S	Induc. Chip	0805-2N2XGBW	+-5%.100mA	CoilCraft	
2N7002	U1.14	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.28	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.32	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.35	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.9	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.10	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.36	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.24	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.12	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.7	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.8	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.17	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.18	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.27	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.11	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.13	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.31	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.5	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.26	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.19	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.20	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
2N7002	U1.25	SOT-23FET	Dual N-channel	2N7002	50V, 3 Ohm	N-FET	
3.0pF	C1.127	0402S	Cap, Chip	PCC030CQCT-ND	+-0.25pF,NPO,50V	Panasonic	
3.0pF	C1.126	0402S	Cap, Chip	PCC030CQCT-ND	+-0.25pF,NPO,50V	Panasonic	

3.01K	R1.36	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
3.01K	R1.144	0402S	RES.CHIP	P3.01KLCT-ND	1% 1/16W	PANASONIC	
3.01K	R1.28	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
3.01K	R1.35	0402S	RES.CHIP	P3.01KLCT-ND	1% 1/16W	PANASONIC	
3.01K	R1.145	0402S	RES.CHIP	P3.01KLCT-ND	1% 1/16W	PANASONIC	
3.01K	R1.27	0402S	RES.CHIP	P3.01KLCT-ND	1% 1/16W	PANASONIC	
3.3K	R1.97	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.68	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.98	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.83	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.118	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.95	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.119	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.121	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.120	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.90	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.82	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.85	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.87	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.76	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.81	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.80	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.79	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.11	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.78	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.89	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.106	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.91	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.93	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.94	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.110	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.60	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.111	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.112	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.96	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.6	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	

3.3K	R1.100	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.8	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.109	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.52	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.102	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.92	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.103	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.99	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.104	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.105	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.88	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.86	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.84	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3K	R1.101	0402S	RES.CHIP	PDC1838CT-ND	1% 1/16W	YAGEO	
3.3pF	C1.55	0402S	Cap, Chip	399-1007-1-ND	+0.25pF,NPO,50v	KEMET	
3.9pF	C1.56	0402S	Cap, Chip	399-1007-1-ND	+0.25pF,NPO,50v	KEMET	
3.9uH	L1.20	0402S	Induc. Chip	PCD1258CT-ND	+5%,400mA	CoilCraft	
3.9uH	L1.21	0402S	Induc. Chip	PCD1258CT-ND	+5%,400mA	CoilCraft	
4.7uHn	L1.17	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.13	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.16	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.15	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.14	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.19	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.12	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
4.7uHn	L1.18	0805R	Ind. SMD	644-3044/Allied	1 Ohm,30mA	Samsung	
5.6nHn	L1.27	0402S	Induc. Chip	0402CS-5N6XGBW	+2%,640mA	CoilCraft	
5.6nHn	L1.31	0402S	Induc. Chip	0402CS-5N6XGBW	+2%,640mA	CoilCraft	
5.6nHn	L1.30	0402S	Induc. Chip	0402CS-5N6XGBW	+2%,640mA	CoilCraft	
5.6nHn	L1.26	0402S	Induc. Chip	0402CS-5N6XGBW	+2%,640mA	CoilCraft	
5.6nHn	L1.8	0402S	Induc. Chip	0402CS-5N6XJBW	+5%,760mA	CoilCraft	
5.11K	R1.42	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.17	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.124	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.23	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.25	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	

5.11K	R1.18	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.22	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.123	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.15	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.20	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.16	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.14	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.114	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.113	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.19	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.45	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.24	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.21	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.44	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
5.11K	R1.43	0402S	RES.CHIP	P5.11KLCT-ND	1% 1/16W	PANASONIC	
6.8nHn	L1.7	0402S	Induc. Chip	0402CS-6N8XJBW	+ -5%,680mA	CoilCraft	
6.8uH	L1.24	0402S	Induc. Chip	PCD1262CT-ND	+ -5%,420mA	CoilCraft	
6.8uH	L1.22	0402S	Induc. Chip	PCD1262CT-ND	+ -5%,420mA	CoilCraft	
6.8uH	L1.25	0402S	Induc. Chip	PCD1262CT-ND	+ -5%,420mA	CoilCraft	
6.8uH	L1.23	0402S	Induc. Chip	PCD1262CT-ND	+ -5%,420mA	CoilCraft	
7.5nHn	L1.9	0603R	Induc. Chip	0603CS-6N8XJBW	+ -5%,700mA	CoilCraft	
8.2pF	C1.48	0402S	Cap, Chip	PCC020CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
8.2pF	C1.53	0402S	Cap, Chip	PCC020CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
8.2pF	C1.31	0402S	Cap, Chip	PDX1234CT-ND	+ -0.5pF,Z5U,50V	AVX	
8.2pF	C1.33	0402S	Cap, Chip	PDX1234CT-ND	+ -0.5pF,Z5U,50V	AVX	
8.2pF	C1.57	0402S	Cap, Chip	PCC020CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
8.2pF	C1.59	0402S	Cap, Chip	PCC020CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
8.2pF	C1.30	0402S	Cap, Chip	PDX1234CT-ND	+ -0.5pF,Z5U,50V	AVX	
9.1pF	C1.54	0402S	Cap, Chip	PCC020CQCT-ND	+ -0.25pF,NPO,50V	Panasonic	
9.1pF	C1.34	0402S	Cap, Chip	PDX1234CT-ND	+ -0.5pF,Z5U,50V	AVX	
10.0K	R1.9	0402S	RES.CHIP	P10.0KLCT-ND	1% 1/16W	PANASONIC	
10.0uF	C1.17	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.37	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.16	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.10	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.23	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	

10.0uF	C1.1	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.3	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.8	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10.0uF	C1.9	0805R	Cap, Chip	PCC2233CT-ND	+80-20%,F,10V	Panasonic	
10nF	C1.141	0402S	Cap,Chip	PCC103BQCT-ND	10000pF+-10%,16V	Panasonic	
10nF	C1.146	0402S	Cap,Chip	PCC103BQCT-ND	10000pF+-10%,16V	Panasonic	
10nF	C1.122	0402S	Cap,Chip	PCC103BQCT-ND	10000pF+-10%,16V	Panasonic	
10nF	C1.125	0402S	Cap,Chip	PCC103BQCT-ND	10000pF+-10%,16V	Panasonic	
10nHn	L1.11	0603R	Induc. Chip	0603CS-10NXJBW	+5%,700mA	CoilCraft	
10nHn	L1.10	0603R	Induc. Chip	0603CS-10NXJBW	+5%,700mA	CoilCraft	
15uHn	L1.2	1008	Ind. SMD	TKS3625CT-ND	2.8 Ohm, 140mA	Toko	
15uHn	L1.3	1008	Ind. SMD	TKS3625CT-ND	2.8 Ohm, 140mA	Toko	
16.2K	R1.38	0402S	RES.CHIP	P16.2KLCT-ND	1% 1/16W	PANASONIC	
16.2K	R1.30	0402S	RES.CHIP	P16.2KLCT-ND	1% 1/16W	PANASONIC	
16.2K	R1.33	0402S	RES.CHIP	P16.2KLCT-ND	1% 1/16W	PANASONIC	
16.2K	R1.41	0402S	RES.CHIP	P16.2KLCT-ND	1% 1/16W	PANASONIC	
17.8	R1.5	0402S	RES.CHIP	P17.8LCTND	1% 1/16W	PANASONIC	
18K	R1.61	0402S	RES.CHIP	PDX2345CT-ND	1% 1/16W	PANASONIC	
18K	R1.58	0402S	RES.CHIP	PDX2345CT-ND	1% 1/16W	PANASONIC	
18K	R1.53	0402S	RES.CHIP	PDX2345CT-ND	1% 1/16W	PANASONIC	
18K	R1.50	0402S	RES.CHIP	PDX2345CT-ND	1% 1/16W	PANASONIC	
18nF	C1.139	0402S	Cap,Chip	PCC2137CT-ND	18000pF+-10%,16V	Panasonic	
18nF	C1.147	0402S	Cap,Chip	PCC2137CT-ND	18000pF+-10%,16V	Panasonic	
18nF	C1.142	0402S	Cap,Chip	PCC2137CT-ND	18000pF+-10%,16V	Panasonic	
18nF	C1.144	0402S	Cap,Chip	PCC2137CT-ND	18000pF+-10%,16V	Panasonic	
20	R1.32	0402S	RES.CHIP	P20.0LCT-ND	1% 1/16W	PANASONIC	
20	R1.40	0402S	RES.CHIP	P20.0LCT-ND	1% 1/16W	PANASONIC	
20.0K	R1.34	0402S	RES.CHIP	P20.0KLCT-ND	1% 1/16W	PANASONIC	
20.0K	R1.37	0402S	RES.CHIP	P20.0KLCT-ND	1% 1/16W	PANASONIC	
20.0K	R1.29	0402S	RES.CHIP	P20.0KLCT-ND	1% 1/16W	PANASONIC	
20.0K	R1.26	0402S	RES.CHIP	P20.0KLCT-ND	1% 1/16W	PANASONIC	
22K	R1.147	0402S	RES.CHIP	PDX223CT-ND	1% 1/16W	Yageo	
22K	R1.146	0402S	RES.CHIP	PDX223CT-ND	1% 1/16W	Yageo	
22K	R1.149	0402S	RES.CHIP	PDX223CT-ND	1% 1/16W	Yageo	
22K	R1.148	0402S	RES.CHIP	PDX223CT-ND	1% 1/16W	Yageo	
34.8K	R1.47	0402S	RES.CHIP	P34.8KLCT-ND	1% 1/16W	PANASONIC	

34.8K	R1.48	0402S	RES.CHIP	P34.8KLCT-ND	1% 1/16W	PANASONIC	
34.8K	R1.55	0402S	RES.CHIP	P34.8KLCT-ND	1% 1/16W	PANASONIC	
34.8K	R1.56	0402S	RES.CHIP	P34.8KLCT-ND	1% 1/16W	PANASONIC	
49.9	R1.7	0402S	RES.CHIP	P49.9LCT-ND	1% 1/16W	PANASONIC	
68uHn	L1.1	MSS5131	Ind. SMD	MSS5131-683MXB	480mOhm,0.33A	CoilCraft	
82nF	C1.143	0402S	Cap,Chip	PCC2145CT-ND	82000pF+-10%,10V	Panasonic	
82nF	C1.140	0402S	Cap,Chip	PCC2145CT-ND	82000pF+-10%,10V	Panasonic	
82nF	C1.145	0402S	Cap,Chip	PCC2145CT-ND	82000pF+-10%,10V	Panasonic	
82nF	C1.148	0402S	Cap,Chip	PCC2145CT-ND	82000pF+-10%,10V	Panasonic	
100K	R1.46	0402S	RES.CHIP	P100KLCT-ND	1% 1/16W	PANASONIC	
100K	R1.49	0402S	RES.CHIP	P100KLCT-ND	1% 1/16W	PANASONIC	
100K	R1.57	0402S	RES.CHIP	P100KLCT-ND	1% 1/16W	PANASONIC	
100K	R1.54	0402S	RES.CHIP	P100KLCT-ND	1% 1/16W	PANASONIC	
110	R1.2	1210S	RES.CHIP	P100AACT-ND	1% 1/4W	PANASONIC	
110	R1.1	1210S	RES.CHIP	P100AACT-ND	1% 1/4W	PANASONIC	
120pF	C1.121	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.82	0402S	Cap,Chip	PCC2543CT-ND	+ -10%,X7R,50V	Panasonic	
120pF	C1.88	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.124	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.44	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.108	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.112	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.40	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.43	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.64	0402S	Cap,Chip	PCC2543CT-ND	+ -10%,X7R,50V	Panasonic	
120pF	C1.66	0402S	Cap,Chip	PCC2543CT-ND	+ -10%,X7R,50V	Panasonic	
120pF	C1.85	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.69	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.41	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.72	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.104	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.100	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.61	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.76	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.77	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.80	0402S	Cap,Chip	PCC2543CT-ND	+ -10%,X7R,50V	Panasonic	

120pF	C1.60	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
120pF	C1.42	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
150pF	C1.71	0402S	Cap,Chip	PCC1724CT-ND	+ -10%,X7R,50V	AVX	
150pF	C1.70	0402S	Cap,Chip	PCC1724CT-ND	+ -10%,X7R,50V	AVX	
150pF	C1.87	0402S	Cap,Chip	PCC1724CT-ND	+ -10%,X7R,50V	AVX	
150pF	C1.86	0402S	Cap,Chip	PCC1724CT-ND	+ -10%,X7R,50V	AVX	
220pF	C1.62	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.65	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.75	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.74	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.102	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.81	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.90	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.78	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.98	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.5	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.22	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.138	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.106	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.137	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.110	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.26	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
220pF	C1.91	0402S	Cap, Chip	PDX2312CT-ND	+ -1%,NPO,50V	AVX	
249	R1.143	0402S	RES.CHIP	P249LCT-ND	1% 1/16W	PANASONIC	
249	R1.142	0402S	RES.CHIP	P249LCT-ND	1% 1/16W	PANASONIC	
270pF	C1.20	0402S	CAP,CHIP	PCD4678CT-NT	+ -10%,X7R,50V	Panasonoc	
270pF	C1.27	0402S	CAP,CHIP	PCD4678CT-NT	+ -10%,X7R,50V	Panasonoc	
270pF	C1.13	0402S	CAP,CHIP	PCD4678CT-NT	+ -10%,X7R,50V	Panasonoc	
270pF	C1.24	0402S	CAP,CHIP	PCD4678CT-NT	+ -10%,X7R,50V	Panasonoc	
301	R1.4	0402S	RES.CHIP	P301LCT-ND	1% 1/16W	PANASONIC	
301	R1.3	0402S	RES.CHIP	P301LCT-ND	1% 1/16W	PANASONIC	
348K	R1.71	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.73	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.70	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.62	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.64	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	

348K	R1.63	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.72	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
348K	R1.65	0402S	RES.CHIP	P348KLCT-ND	1% 1/16W	PANASONIC	
390pF	C1.25	0402S	CAP,CHIP	PCC2271CT-ND	+ -10%,X7R,25V	Panasonic	
390pF	C1.132	0402S	CAP,CHIP	PCC2271CT-ND	+ -10%,X7R,25V	Panasonic	
390pF	C1.67	0402S	Cap,Chip	PCC1716CT-ND	+ -10%,X7R,50V	Panasonic	
390pF	C1.63	0402S	Cap,Chip	PCC1716CT-ND	+ -10%,X7R,50V	Panasonic	
390pF	C1.21	0402S	CAP,CHIP	PCC2271CT-ND	+ -10%,X7R,25V	Panasonic	
390pF	C1.19	0402S	CAP,CHIP	PCC2271CT-ND	+ -10%,X7R,25V	Panasonic	
390pF	C1.79	0402S	Cap,Chip	PCC1716CT-ND	+ -10%,X7R,50V	Panasonic	
390pF	C1.83	0402S	Cap,Chip	PCC1716CT-ND	+ -10%,X7R,50V	Panasonic	
470pF	C1.99	0402S	CAP,CHIP	PCC1717CT-ND	10%,X7R,50V	Panasonic	
470pF	C1.113	0402S	CAP,CHIP	PCC1717CT-ND	10%,X7R,50V	Panasonic	
470pF	C1.107	0402S	CAP,CHIP	PCC1717CT-ND	10%,X7R,50V	Panasonic	
470pF	C1.105	0402S	CAP,CHIP	PCC1717CT-ND	10%,X7R,50V	Panasonic	
681	R1.74	0402S	RES.CHIP	P681LCT-ND	1% 1/16W	PANASONIC	
681	R1.66	0402S	RES.CHIP	P681LCT-ND	1% 1/16W	PANASONIC	
820pF	C1.103	0402S	Cap,Chip	PCC1720CT-ND	+ -10%,X7R,50V	Panasonic	
820pF	C1.111	0402S	Cap,Chip	PCC1720CT-ND	+ -10%,X7R,50V	Panasonic	
820pF	C1.109	0402S	Cap,Chip	PCC1720CT-ND	+ -10%,X7R,50V	Panasonic	
820pF	C1.101	0402S	Cap,Chip	PCC1720CT-ND	+ -10%,X7R,50V	Panasonic	
1000pF	C1.73	0402S	CAP,CHIP	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
1000pF	C1.84	0402S	CAP,CHIP	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
1000pF	C1.68	0402S	CAP,CHIP	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
1000pF	C1.89	0402S	CAP,CHIP	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
4700pF	C1.134	0402S	CAP,CHIP	PCC472BQCT-ND	+ -10%,X7R,25V	Panasonic	
4700pF	C1.136	0402S	CAP,CHIP	PCC472BQCT-ND	+ -10%,X7R,25V	Panasonic	
4700pF	C1.135	0402S	CAP,CHIP	PCC472BQCT-ND	+ -10%,X7R,25V	Panasonic	
4700pF	C1.133	0402S	CAP,CHIP	PCC472BQCT-ND	+ -10%,X7R,25V	Panasonic	
5600pF	C1.14	0402S	Cap,Chip	PCC1707CT-ND	+ -10%,25V	Panasonic	
5600pF	C1.39	0402S	Cap,Chip	PCC1707CT-ND	+ -10%,25V	Panasonic	
5600pF	C1.6	0402S	Cap,Chip	PCC1707CT-ND	+ -10%,25V	Panasonic	
5600pF	C1.97	0402S	Cap,Chip	PCC1707CT-ND	+ -10%,25V	Panasonic	
5600pF	C1.96	0402S	Cap,Chip	PCC1707CT-ND	+ -10%,25V	Panasonic	
BSS138W	Q1.1	SOT-323	MOSFET N-CHAN	BSS138WDICT-ND	50V,3 OHM	DIODES	
BSS138W	Q1.2	SOT-323	MOSFET N-CHAN	BSS138WDICT-ND	50V,3 OHM	DIODES	

DMMT3906W	U1.30	SOT-363M	Dual p-n-p	MMBT2222	NPN	*	
DMMT3906W	U1.34	SOT-363M	Dual p-n-p	MMBT2222	NPN	*	
LP2985IM5-3.3	U1.2	MF05A	LDR	LP2985IM5-3.3CT-ND	3.3V,150mA	National	
LP2985IM5-5.0	U1.1	MF05A	LDR	LP2985IM5-5.0CT-ND	5.0V,150mA	National	
MAX5401	U1.4	SOT-23-8	D-Pot	MAX5401EKA-T	100K, 256pos	Melexis	
MEA5410	U1.3	SOT-23-8	D-Pot	MEA5410	100K, 256pos	Melexis	
MMBT3904	U1.15	SOT-23L-6	Matched NPN	05B6538/Newark	Ft=8GHz, Fn=2.6dB	Intersil	
MMBT3904	U1.22	SOT-23L-6	Dual NPN	MMBT3904	NPN	Moto	
MMBT3904	U1.16	SOT-23L-6	Matched NPN	05B6538/Newark	Ft=8GHz, Fn=2.6dB	Intersil	
MMBT3904	U1.21	SOT-23L-6	Matched NPN	05B6538/Newark	Ft=8GHz, Fn=2.6dB	Intersil	
MMBT3906	U1.29	DUAL-SOT23	Dual n-p-n	MMBT2222	NPN	Diodes	
MMBT3906	U1.39	DUAL-SOT23	Dual n-p-n	MMBT2222	NPN	Diodes	
MMBT3906	U1.33	DUAL-SOT23	Dual n-p-n	MMBT2222	NPN	Diodes	
MMBT3906	U1.42	DUAL-SOT23	Dual n-p-n	MMBT2222	NPN	Diodes	
MMBT3906	U1.37	SOT-363M	Dual p-n-p	MMBT2222	NPN	*	
MMBT3906	U1.40	SOT-363M	Dual p-n-p	MMBT2222	NPN	*	
MMCX6251S1	WP1.3	MMCX-SM	Coax.Connct	MMCX6251S1	50 Ohm, Jack	Raison Ent.	
SKY73009	U1.6	RFLGA-32	DUAL MIXER 400	SKY73009-11	Skyworks	*	
TBD	R1.140	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.134	0402S	RES.CHIP	P10.0KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.135	0402S	RES.CHIP	P32.4KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.137	0402S	RES.CHIP	P61.9KLCT-ND	1% 1/16W	PANASONIC	
TBD	C1.157	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
TBD	C1.155	0402S	Cap. Chip	PCC100CQCT-ND	5%,NPO, 50V	Panasonic	
TBD	C1.159	0402S	Cap,Chip	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
TBD	R1.138	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.77	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.69	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.141	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	C1.160	0402S	Cap,Chip	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
TBD	R1.139	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.13	0402S	RES.CHIP	PTBDKLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.12	0402S	RES.CHIP	PTBDKLCT-ND	1% 1/16W	PANASONIC	
TBD	C1.47	0402S	Cap, Chip	TBD	+ -0.25pF,NPO,50V	Panasonic	
TBD	C1.153	0402S	Cap,Chip	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
TBD	R1.132	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	

TBD	R1.128	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	C1.149	0402S	Cap. Chip	PCC100CQCT-ND	5%,NPO, 50V	Panasonic	
TBD	C1.151	0402S	Cap. Chip	PCD121CQCT-ND	5%,NPO, 50V	AVX	
TBD	R1.129	0402S	RES.CHIP	P61.9KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.127	0402S	RES.CHIP	P32.4KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.126	0402S	RES.CHIP	P10.0KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.130	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.136	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.131	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	R1.133	0402S	RES.CHIP	P1.00KLCT-ND	1% 1/16W	PANASONIC	
TBD	C1.154	0402S	Cap,Chip	PCC1721CT-ND	+ -10%,X7R,50V	Panasonic	
TBD	C1.150	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
TBD	C1.158	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
TBD	C1.156	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
TBD	C1.152	0603R	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%,10V	Panasonic	
TBD	L1.32	1008	Ind. SMD	TKS3639CT-ND	28 Ohm, 44mA,6.5MHz	Toko	
TBD	L1.4	1008	Ind. SMD	TKS3639CT-ND	28 Ohm, 44mA,6.5MHz	Toko	
TBD	U1.41	SOT-8	Dual OpAmp	LM124AD	OP AMP	MOTO	
TBD	U1.38	SOT-8	Dual OpAmp	LM124AD	OP AMP	MOTO	
TP1	TP1.1	MHDR1X1R	Pad		1 Pins		
TP2	TP1.2	MHDR1X1R	Pad		1 Pins		
TP3	TP1.3	MHDR1X1R	Pad		1 Pins		
TP4	TP1.4	MHDR1X1R	Pad		1 Pins		
TP5	TP1.5	MHDR1X1R	Pad		1 Pins		
TP6	TP1.6	MHDR1X1R	Pad		1 Pins		
TP7	TP1.7	MHDR1X1R	Pad		1 Pins		
TP8	TP1.8	MHDR1X1R	Pad		1 Pins		
TP9	TP1.9	MHDR1X1R	Pad		1 Pins		
UA747	U1.23	TSSOP-14	QUAD OPAMP	UA747AD	OP AMP	MOTO	