

ITEM#	QTY	REFERENCE DESIGNATOR	DESCRIPTION	MANUFACTURER	PART NUMBER	VALUE	CASE SIZE	VOLTAGE	TOL	POWER RATING (W)
1	1	-N/A	PCBZ							
2	6	C320, C325, C648, C650, C736, C804	CAP CER X5R 0603	MURATA	GRM188R60J106ME47D	10UF	0603	6.3V	20	
3	49	C501, C502, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518, C519, C520, C521, C522, C523, C524, C525, C526, C527, C528, C529, C530, C531, C532, C605, C606, C610, C613, C615, C617, C619, C621, C623, C625, C627, C629, C631, C633, C635, C637, C640, C641, C649, C654, C803	CAP CER X5R 0201	MURATA	GRM033R60J104KE19D	0.1uF	0201	6.3V	10	
4	4	C332, C333, C336, C337	CAP CER 0201 X7R	MURATA	GRM033R71E101KA01D	100pF	0201	25V	10	
5	5	C203, C212, C220, C228, C236	CAP CER 0201 X7R	MURATA	GRM0335C1E100JB01D	10pF	0201	25V	5	
6	35	C401, C402, C403, C405, C408, C414, C415, C416, C417, C418, C419, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C713, C715, C717, C719, C738	CAP CER X7R 0402	MURATA	GRM155R71C104KA88D	0.1UF	0402	16V	10	
7	1	C410	CAP CER COG 0402	MURATA	GRM1555C1H181JA01D250	180pF	0402	50V	5	

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8	27	C411, C420, C603, C604, C609, C612, C614, C616, C618, C620, C622, C624, C626, C628, C630, C632, C634, C636, C643, C644, C645, C646, C647, C651, C653, C702, C703	CAP MONO CER 0402	MURATA	GRM155R60J105KE19D	1uF	0402	6.3V	10	
9	1	C412	CAP CER COG 0402	MURATA	GRM1555C1H102JA01	1000pF	0402	50V	5	
10	1	C413	CAP MULTI CER X5R 0201	TAIYO YUDEN	AMK063BJ474MP-F	0.47uF	0201	4V	20	
11	7	C601, C602, C608, C611, C638, C639, C652	CAP CER CHIP	MURATA	GRM32ER60J107ME20L	100UF	1210	6.3V	20	
12	9	C307, C308, C315, C316, C642, C801, C802, C805, C806	CAP CER 0201 X7R	MURATA	GRM033R71A103KA01D	0.01UF	0201	10V	10	
13	4	C701, C705, C707, C709	CAP CER MONOLITHIC X5R	MURATA	GRM21BR61E106KA73L	10uF	0805	25V	10	
14	2	C704, C706	CAP CER 0402 X7R	MURATA	GRM155R71H272KA01D	2700PF	0402	50V	10	
15	2	C708, C710	CAP MONO CER 0402	PHYCOMP (YAGEO)	CC0402KRX7R9BB332	3300pF	0402	50V	10	
16	6	C714, C716, C718, C720, C735, C737	CAP CER X7R 0402	MURATA	GRM155R71E103KA01D	0.01UF	0402	25V	10	
17	12	C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C732, C739	CAP HIGH VAL MULTILAYER CER X5R 0805	TAIYO YUDEN	JMK212BJ476MG-T	47uF	0805	6.3V	20	
18	1	C731	CAP CER CHIP	MURATA	GRM21BR60J226ME39L	22UF	0805	6.3V	20	
19	1	C734	CAP MONOLITHIC CER X5R	MURATA	GRM188R60J475KE19	4.7uF	0603	6.3V	10	
20	1	CR701	DIODE RECOVERY RECTIFIER	MICRO COMMERCIAL COMPONENTS CORP	S2A-TP	S2A-TP	DO214AA	50V	N/A	
21	3	D401, D402, DS702	LED GREEN SURFACE MOUNT	PANASONIC	LNJ326W83RA	LNJ326W83RA (green)	0603	4V	N/A	
22	1	DS701	LED BLUE TSS TYPE SM	PANASONIC	LNJ912W8CRA1	LNJ912W8CRA1 (blue)	0603	2.9V	N/A	
23	10	E601, E602, E603, E605, E607, E609, E610, E612, E613, E706	INDUCTOR CHIP FERRITE BEAD	MURATA	BLM15AX300SN1D	300OHM	0402		25	
24	4	E604, E606, E608, E611	INDUCTOR CHIP FERRITE BEAD	TAIYO YUDEN	BK1005LL470-T	470OHM AT 100MHZ	0402		25	
25	1	E701	INDUCTOR CHIP FERRITE BD	MURATA	BLM18KG121TN1D	120OHM	0603		25	
26	3	E702, E703, E704	INDUCTOR CHIP FERRITE BEAD	MURATA	BLM18KG471SN1D	470OHM	0603		25	
27	1	E705	INDUCTOR FERRITE BD	PANASONIC	EXC-ML20A390U	390OHM	0805		N/A	
28	2	F701, F702	SLIMLINE LEAD-FREE 1206	LITTELFUSE	0466002.NR	2A	1206	63V		

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29	9	J200, J201, J202, J203, J204, J305, J306, J307, J308	CONN-PCB RF/COAXIAL SMA JACK STR 50 OHM/6GHz EDGE LAUNCH	AMPHENOL CONNEX	132255-11	132255-11	?			
30	1	J401	CONN-PCB COAX SMA ST	JOHNSON	142-0701-201	142-0701-201	?			
31	2	L700, L701	INDUCTOR SHIELDED POWER	COILCRAFT	XFL4020-222MEB	2.2uH	?		20	
32	2	L702, L703	INDUCTOR SHIELDED POWER	COILCRAFT	XAL4030-682MEC	6.8uH	?		20	
33	1	P501	CONN-PCB HDR ST 10P	SAMTEC	TSW-105-08-G-D	TSW-105-08-G-D	?			
34	1	P502	CONN-PCB BERG HDR ST MALE 20P	SULLINS	PEC10DAAN	PEC10DAAN	?			
35	1	P503	CONN-PCB HEADER 16 PIN ST	SAMTEC	TSW-108-08-G-D	TSW-108-08-G-D-ST	?			
36	1	P504	CONN-PCB UNSHROUDED HDR	SAMTEC INC	FTSH-110-01-L-DV-K	FTSH-110-01-L-DV-K	?			
37	1	P801	CONN-PCB SGNL-END ARRAY MALE 400POS	SAMTEC	ASP-134488-01	ASP-134488-01	?			
38	1	Q701	TRAN DUAL N-CHA 20V (D-S) MOSFET WITH 2 PAD	VISHAY	SIA906EDJ-T1-GE3	SIA906EDJ-T1-GE3	?	20V		
39	26	R201, R209, R312, R313, R426, R427, R519, R521, R522, R523, R524, R712, R801, R802, R803, R804, R805, R806, R810, R811, R812, R813, R814, R815, R816, R817	RES CHIP SMD 0201	PANASONIC	ERJ-1GE0R00C		0 0201		5	1/20W
40	14	R402, R407, R408, R410, R413, R414, R428, R601, R614, R615, R715, R721, R725, R729	RES CHIP SMD JMPR	PANASONIC	ERJ-2GE0R00X		0 0402		5	1/16W
41	3	R406, R423, R501	RES PRECISION THICK FILM CHIP R0201	PANASONIC	ERJ-1GEF1000C	100	R0201		1	1/20W
42	1	R415	RES STD THICK FILM CHIP	VISHAY	CRCW040210K2FKED	10.2K	0402		1	1/16W
43	10	R416, R417, R418, R419, R704, R707, R714, R720, R724, R728	RES PRECISION THICK FILM CHIP R0402	PANASONIC	ERJ-2RKF1002X	10K	0402		1	1/16W
44	3	R420, R421, R735	RES PRECISION THICK FILM CHIP R0402	PANASONIC	ERJ-2RKF2000X	200	0402		1	1/16W
45	8	R502, R506, R507, R508, R509, R518, R808, R809	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-1GNF1002C	10K	0201		1	1/20W
46	1	R504	RES PRECISION THICK FILM CHIP R0201	PANASONIC	ERJ-1GEF1001C	1K	R0201		1	1/20W
47	1	R505	RES THICK FILM CHIP	PANASONIC	ERJ-1GEF1432C	14.3K	0201		1	1/20W

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48	1	R525	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-2RKF5102X	51K	0402		1	1/10W
49	2	R602, R709	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-2RKF5602X	56K	0402		1	1/10W
50	1	R701	RES THICK FILM CHIP	MULTICOMP	MC 0.063W 0603 1% 2K	2K	0603	50V	1	1/16W
51	1	R702	RES PRECISION THICK FILM CHIP R0201	PANASONIC	ERJ-1GEF2000C		200 R0201		1	1/20W
52	2	R703, R706	RES THICK FILM CHIP	PANASONIC	ERJ-2GEJ104X	100K	0402		5	1/10W
53	1	R705	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-2RKF4322X	43.2K	0402		1	1/10W
54	2	R708, R711	RES PRECISION THICK FILM CHIP R0402	PANASONIC	ERJ-2RKF2002X	20K	0402		1	1/16W
55	1	R710	RES STD THICK FILM CHIP	VISHAY	CRCW040214K0FKED	14K	0402		1	1/16W
56	1	R713	RES THICK FILM CHIP	PANASONIC	ERJ-2RKF3242X	32.4K	0402		1	1/10W
57	2	R716, R723	RES PRECISION THICK FILM CHIP R0402	PANASONIC	ERJ-2RKF6341X	6.34K	0402		1	1/16W
58	1	R727	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-2RKF3162X	31.6K	0402		1	1/10W
59	1	R731	RES PRECISION THICK FILM CHIP	PANASONIC	ERJ-2RKF1272X	12.7K	0402		1	1/10W
60	3	R732, R733, R734	RES THICK FILM CHIP	PANASONIC	ERJ-3RSFR10V		0.1 0603		1	1/10W
61	1	R737	RES THICK FILM CHIP	PANASONIC	ERJ-3RQJR47V		0.47 0603		5	1/10W
62	1	R738	RES FILM SMD 0603	PANASONIC	ERJ-3GEY0R00V		0 0603		5	1/10W
63	1	R807	RES GEN PURPOSE CHIP	YAGEO	RC0402JR-071KL	1K	0402		5	1/16W
64	1	R823	RES PRECISION THICK FILM CHIP R0201	PANASONIC	ERJ-1GEF2002C	20K	R0201		1	1/20W
65	2	T307, T308	XFMR MULTILAYER BALUN 3-8GHZ	TDK	HHM1595A1	HHM1595A1	0805			
66	1	T401	XFMR RF 1:1	MACOM	MABA-007159-000000	MABA-007159-000000	ETC1			
67	1	U101	IC-ADI AD9375	ADI	AD9375	AD9375				
68	1	U401	IC-ADI JESD204B CLK GEN WITH 14 LVDS/HSTL OUTPUTS	ADI	AD9528BCPZ	AD9528BCPZ	QFN			
69	1	U402	IC TINYLOGIC UHS DUAL BUFFER	FAIRCHILD SEMICONDUCTOR	NC7WZ16P6X	NC7WZ16P6X	SC70			
70	1	U403	IC-CMOS ULP-A BUFFER WITH 3 STATE OUTPUT	FAIRCHILD SEMICONDUCTOR	NC7WV125K8X	NC7WV125K8X				
71	1	U404	IC SINGLE-CHA BIDIR LOGIC LEVEL TRANSLATOR	ADI	ADG3301BKSZ	ADG3301BKSZ	SC70-6	1.15-5.5V		
72	1	U405	IC-ADI LOW VOLTAGE 4-CH, BIDIR LOGIC LEVEL TRANSLATOR	ADI	ADG3304SRU-EP	ADG3304SRU-EP	14-TSSOP			
74	1	U701	IC-ADI PACKWOOD, 4-CH INTEGRATED PWR SOLUTION PRELIM	ADI	ADP5054ACPZ	ADP5054ACPZ				

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75	1	U801	IC 2KBIT SER I2C BUS EEPROM	ST MICROELECTRONICS	M24C02-WDW6TP	M24C02-WDW6TP				
76	1	Y403	IC VCXO ULTRA-LOW PHASE NOISE OSCILLATOR	CRYSTEK CORPORATION	CVHD-950-122.880	122.88MEGHZ	LCC4			
77	7	C241, C242, C243, C244, C245, C305, C306	CAP CER 0201 X7R	MURATA	GRM0335C1H221JA01D	220pF	0201	25V	5	
78	5	C246, C247, C248, C249, C250	CAP CER 0201 X7R	MURATA	GRM0335C1E820JA01D	82pF	0201	25V	5	
79	2	C338, C339	CAP CER 0201 X7R	MURATA	GRM0335C1H510GA01D	51pF	0201	25V	5	
80	2	C321, C326	CAP CER 0201 X7R	MURATA	GRM0335C1H430GA01D	43pF	0201	25V	5	
81	2	C312, C314	CAP CER 0201 X7R	MURATA	GJM0335C1E3R0BB01D	3pF	0201	25V	0.1pF	
82	2	C313, C322	CAP CER 0201 X7R	MURATA	GJM0335C1E1R4BB01D	1.4pF	0201	25V	0.1pF	
83	1	C219	CAP CER 0201 X7R	MURATA	GJM0335C1E1R0BB01D	1.0pF	0201	25V	0.1pF	
84	1	C217	CAP CER 0201 X7R	MURATA	GJM0335C1E1R90BB01D	0.9pF	0201	25V	0.1pF	
85	2	C207, C216	CAP CER 0201 X7R	MURATA	GJM0335C1E1R30BB01D	0.3pF	0201	25V	0.1pF	
86	12	C225, C229, C232, C233, C237, C240, C311, C319, C323, C324, C328, C329	CAP CER 0201 X7R	MURATA	GJM0335C1E1R20WB01D	0.2pF	0201	25V	0.05pF	
87	1	L221	CHIP INDUCTOR	MURATA	LQP03TN75NH02D	75nH	0201		5	
88	4	L307, L308, L315, L316	CHIP INDUCTOR	MURATA	LQW18AN43NJ00D	43nH	0603		5	
89	2	L222, L223	CHIP INDUCTOR	MURATA	LQP03TN3N3B02D	3.3nH	0201		1	
90	1	L218	CHIP INDUCTOR	MURATA	LQP03TN1N0B02D	1.0nH	0201		1	
91	2	L226, L234	CHIP INDUCTOR	MURATA	LQP03TN0N8B02D	0.8nH	0201		1	
92	10	L230, L231, L238, L239, L301, L302, L309, L310, L317, L318	CHIP INDUCTOR	MURATA	LQP03TN0N7B02D	0.7nH	0201		1	
93	4	L205, L206, L214, L215	CHIP INDUCTOR	MURATA	LQP03TN0N6B02D	0.6nH	0201		1	
94	7	T200, T201, T202, T203, T204, T305, T306	XMFR BALUN WIDEBAND	MINI CIRCUITS	TCM1-83X+	TCM1-83X+				

Parts in RED are matching components that can be adjusted for different frequencies (see System Development User Guide for details)