

P/N	Title	Detail	Reference(m)	Mfr P/N
C-0031	CAP CERM 47PF 50V NP0	0805 SMD	C317, C438	VJ0805A470JXACW1BC
C-0098	CAP CERM 56PF 50V NP0 COG	0805 SMD	C312	C0805C560J5GACTU
C-0156	CAP CER .22UF 6.3V X5R 0402	0402 0.22UF 0402 SMD	C352, C358, C410, C414	ECJ-0EB0J224K
C-0160	CAP TANT 330UF 6.3V 20% SMD	SMD	C336, C337, C347, C354, C416, C418, C428, C429	T520D337M006ATE0457222
C-0165	CAP CER 750PF 50V 5% C0G	0805 SMD	C159	GRM2165C1H751JA01D
C-0167	CAP CER 82PF 50V NP0	0805 SMD	C268, C271, C294, C370, C392	C0805C820J5GACTU
C-0169	CAP CER 75PF 100V 5% C0G	0805 SMD	C296	08051A750JAT2A
C-0170	CAP CERM 390PF 50V CHIP	0805 SMD	C197, C397, C402	ECJ-2VC1H391J
C-0171	CAP 68PF 50V CERM CHIP COG	0805 SMD	C157, C313, C316, C342, C344, C346	VJ0805A680JXACW1BC
C-0177	CAP 470PF 50V CERM CHIP	0805 SMD	C193, C404	ECJ-2VC1H471J
C-0178	CAP 560PF 50V CERM CHIP COG	0805 SMD	C160, C194, C198	VJ00805A561JXACW1BC
C-0179	CAP 820PF 50V CERM CHIP	0805 SMD	C320, C338, C425, C447	GRM2165C1H821JA01D
C-0186	CAP CER 150PF 50V NP0 0805	0805 SMD	C225, C232, C371, C439	C0805C151J5GACTU
C-0192	CAP CERAMIC 10UF 25V X5R	1206 SMD	C128, C154, C218, C322, C340, C378, C449, C530	C1206C106K3PACTU
C-0195	CAP CER 2700PF 50V C0G	0603 SMD	C357, C376, C384, C412	GRM1885C1H272JA01D
C-0199	CAP CER 1800PF 50V 5% C0G	0805 SMD	C360, C375, C387, C406, C473	GRM2165C1H182JA01D
C-0206	CAP CER .1UF 25V Y5V	0402 SMD	C1, C2, C3, C4, C12, C125, C137, C155, C173, C178, C187, C190, C196, C203, C205, C208, C209, C210, C224, C239, C242, C276, C282, C308, C319, C321, C324, C332, C334, C335, C339, C351, C353, C359, C367, C368, C383, C393, C394, C411, C415, C427, C435, C448, C450, C456, C465, C528, C532	GRM155F51E104ZA01D
C-0210	CAP CERAMIC 16PF 5% 50V C0G	0603 SMD	C234, C243, C263, C277	GRM1885C1H160JA01D
C-0211	CAP CERAMIC 18PF 50V COG	0603 SMD	C238, C247, C267, C281	VJ0603A180JXACW1BC
C-0212	CAP CERAMIC 30PF 5% 50V C0G	0603 SMD	C236, C245, C265, C279	C0603C300J5GACTU
C-0213	CAP CERAMIC 33PF 50V COG	0603 SMD	C235, C237, C244, C246, C264, C266, C278, C280	GRM1885C1H330JA01D
C-0214	CAP CER 1200PF 100V C0G	0805 SMD	C161	GRM2195C2A122JA01D
C-0215	CAP CER 1500PF 100V C0G	0805 SMD	C477	GRM2195C2A152JA01D
C-0216	CAP CERAMIC 100PF 100V NP0	0805 SMD	C192, C295, C299, C343, C373	C0805C101J1GACTU
C-0217	CAP CERAMIC 10PF 50V NP0	0805 SMD	C341	C0805C100J5GACTU
C-0219	CAP 120PF 50V CERM CHIP	0805 SMD	C269, C272, C436	VJ0805A121JXACW1BC
C-0220	CAP CERAMIC 12PF 50V NP0	0805 SMD	C256, C309, C366	GRM2165C1H120JZ01D
C-0221	CAP CER 130PF 100V 5% C0G	0805 SMD	C230, C298, C372, C374	GRM2165C2A131JA01D
C-0222	CAP CERAMIC 15PF 50V NP0	0805 SMD	C348	VJ0805A150JXACW1BC
C-0223	CAP CER 160PF 100V 5% C0G	0805 SMD	C143, C441	GRM2165C2A161JA01D

C-0224	CAP 180PF 50V CERM CHIP	0805 SMD	C226, C231	C0805C181J5GACTU
C-0225	CAP CERAMIC 18PF 50V	0805 SMD	C227	VJ0805A180JXACW1BC
C-0226	CAP 1.0UF 16V CERAMIC X7R	0805 SMD	C117, C206, C328, C380, C395, C417	C0805C105K4RACTU
C-0227	CAP CER 2200PF 50V 5% C0G	0805 SMD	C475	GRM2165C1H222JA01D
C-0228	CAP CER 2400PF 50V 5% C0G	0805 SMD	C476	GRM2165C1H242JA01D
C-0229	CAP CER 2700PF 50V 5% C0G	0805 SMD	C474	GRM2165C1H272JA01D
C-0230	CAP CERM 20PF 5% 100V NP0	0805 SMD	C288, C333	C0805C200J1GACTU
C-0231	CAP 220PF 50V CERM CHIP	0805 SMD	C437	GRM2165C1H221JA01D
C-0232	CAP CERAMIC 22PF 50V NP0	0805 SMD	C270, C426	C0805C220J5GACTU
C-0233	CAP CER 240PF 100V 5% C0G	0805 SMD	C440, C463	GRM2165C2A241JA01D
C-0234	CAP 270PF 50V CERM CHIP	0805 SMD	C403	VJ0805A271JXACW1BC
C-0235	CAP 27PF 50V CERM CHIP	0805 SMD	C300	ECJ-2VC1H270J
C-0236	CAP CERM 30PF 5% 100V NP0	0805 SMD	C327, C369	08051A300JAT2A
C-0237	CAP 330PF 50V CERM CHIP	0805 SMD	C401, C472	ECJ-2VC1H331J
C-0238	CAP 39PF 50V CERM CHIP	0805 SMD	C182, C219, C311, C315, C405	VJ0805A390JXACW1BC
C-0239	CAP 5.0PF 50V CERM 0805 SMD	0805 SMD	C307	GRM2165C1H5R0CD01D
C-0241	CAP CER 620PF 50V 5% C0G	0805 SMD	C158, C200	GRM2165C1H621JA01D
C-0242	CAP CER 910PF 50V 5% C0G	0805 SMD	C156, C355, C356, C381, C382	GRM2165C1H911JA01D
C-0243	CAP CER 91PF 100V 5% C0G	0805 SMD	C273, C345	GRM2195C2A910JZ01D
C-0245	CAP CERAMIC 9.0PF 50V NP0	0805 SMD	C297, C301	GRM2165C1H9R0CZ01D
C-0254	CAP CERAMIC 10UF 6.3V X5R	0805 SMD	C350, C386, C529, C531, C533	C0805C106K9PACTU
C-NP	CAP NO POPULATE	NP	C126, C127, C136, C138, C139, C140, C141, C176, C177, C179, C180, C181, C212, C213, C215, C216, C217, C250, C251, C252, C253, C254, C283, C284, C285, C286, C287, C302, C303, C304, C305, C306, C310, C314, C325, C326, C329, C330, C331, C349, C361, C362, C363, C364, C365, C385, C388, C389, C390, C391, C420, C421, C422, C423, C424, C458, C459, C460, C461, C462, C466, C470	
FB-0004	FERRITE CHIP SIGNAL 2000 OHM	1206 SMD	L72, L78, L93, L101	HZ1206C202R-10
FB-0009	FERRITE 200MA 1000 OHM	0603 SMD	L1, L2, L3, L30, L36, L42, L79, L82, L89, L90, L98, L100	HZ0603B102R-10
J-0099	CONN RECPT ULTRA-MINI COAX	SMD	J1, J6	A-1JA-CR
J-0141	CONN HEADER 40 POS RT ANGLE GOLD		SV4	N2540-5002RB

K-0007	RELAY SPDT RF SWITCH MOSFET HIGH POWER 0-3 GHz	PE4259 SMD	K1, K18, K19, K20, K21, K22, K23, K24, K25, K26, K28, K30, K33, K34, K35, K37, K38, K39, K40, K41, K42, K43, K44, K45, K46, K47, K48	PE4259
L-0020	INDUCTOR 1UH 5% CONFORMAL COAT AXIAL	1uH TH	L105	434-22-1R0
L-0021	INDUCTOR .15UH 20% CONFORMAL COAT AXIAL	.15uH TH	L67, L71	434-22-R15
L-0067	INDUCTOR 1.8UH 5% CONFORMAL COAT AXIAL	1.8uH TH	L41	MICC/N-1R8J-00
L-0068	INDUCTOR 3.9UH 10% CONFORMAL COAT AXIAL	3.9uH TH	L112	MICC/N-3R9J-00
L-0083	INDUCTOR 6.8NH 800MA 0805 10%	6.8nH TH	L81, L91	IMC0805ER6N8J01
L-0084	INDUCTOR 1.2UH 5% CONFORMAL COAT AXIAL	1.2uH TH	L97, L102, L103, L104	MICC/N-1R2J-00
L-0085	INDUCTOR 120NH 180MA 0603	120nH 0603 SMD	L47, L48, L49, L50, L57, L58, L59, L60	LQW18ANR12J00D
L-0086	INDUCTOR 1.5UH 5% CONFORMAL COAT AXIAL	1.5uH TH	L94, L95, L96	MICC/N-1R5J-00
L-0087	INDUCTOR .1UH 10% MOLDED AXIAL	.1uH TH	L73	IM02EBR10K
L-0088	INDUCTOR 2.2UH 5% CONFORMAL COAT AXIAL	2.2uH TH	L35, L38, L39, L40	MICC/N-2R2J-00
L-0089	INDUCTOR .22UH 20% CONFORMAL COAT AXIAL	.22uH TH	L68, L69, L70	MICC/N-R22K-00
L-0090	INDUCTOR .27UH 20% CONFORMAL COAT AXIAL	.27uH TH	L66	MICC/N-R27K-00
L-0091	INDUCTOR 3.3UH 5% CONFORMAL COAT AXIAL	3.3uH TH	L32, L33, L34	MICC/N-3R3J-00
L-0092	INDUCTOR .39UH 20% CONFORMAL COAT AXIAL	.39uH TH	L63, L64, L65	MICC/N-R39K-00
L-0093	INDUCTOR 4.7UH 5% CONFORMAL COAT AXIAL	4.7uH TH	L110, L111, L113	MICC/N-4R7J-00
L-0094	INDUCTOR .47UH 20% CONFORMAL COAT AXIAL	.47uH TH	L56, L74, L75, L76, L77	MICC/N-R47K-00
L-0095	INDUCTOR .56UH 20% CONFORMAL COAT AXIAL	.56uH TH	L53, L54, L55, L87	MICC/N-R56K-00
L-0096	INDUCTOR .68UH 20% CONFORMAL COAT AXIAL	.68uH TH	L46, L84, L85, L86	MICC/N-R68K-00
L-0097	INDUCTOR .82UH 20% CONFORMAL COAT AXIAL	.82uH TH	L43, L44, L45	MICC/N-R82K-00
PC-0022	HRX2 PCB			
Q-0008	TRANSISTOR MOSFET N-CH 25V 680MA SOT-23	FDV303N SOT- 23 SMD	Q7	FDV303N
Q-0015	MOSFET PWR P-CHAN 1A 20V SOT23	NTR1P02T1G SMD	Q6	NTR1P02T1G
R-0077	RES 1.91K OHM 1/16W 1%	1.91K 0402 SMD	R59	RK73H1ETTP1911F
R-0112	RES 91.0 OHM 1/10W 1% 0603 SMD		R83, R88, R112, R119	RC0603FR-0791RL
R-0119	RES 1.00K OHM 1/10W 1%	0603 SMD	R82, R90, R94, R108, R120	CRCW06031K00FKEA
R-0122	RES 10.0K OHM 1/10W 1% 0603 SMD		R61	RK73H1JTDD1002F
R-0124	RES 19.6 OHM 1/4W 1% 1206 SMD		R85, R86, R87, R103, R104, R105	RK73H2BTDD19R6F

R-0125	RES 95.3 OHM 1/10W 1% 0603 SMD		R1, R100, R101	RK73H1JTDD95R3F
R-0130	RES 2.70K OHM 1/10W 1% 0603 SMD		R109	CRCW06032K70FKEA
R-0136	RES 49.9 OHM 1/10W 1%	0603 SMD	R65, R72, R75, R79	CRCW060349R9FKEA
R-0139	RES 93.1K OHM 1/10W 1% 0603 SMD		R93	RK73H1JTDD9312F
R-0145	RES 499K OHM 1/10W 1% 0603 SMD		R91	RK73H1JTDD4993F
SH-0003	SHIELD 2.00X2.50 0.4" HIGH	45-CBSF-2.0X2.50X0.40	EMS1, EMS2	45-CBSF-2.0X2.50X0.40
SH-0006	SHIELD 3.75X4.0 0.4" HIGH	45-CBSF-3.75X4.0X0.40	EMS3	45-CBSF-3.75X4.0X0.40
T-0010	TRANSFORMER 2:1 RF SMD	ADT2-1T+	T12, T13	ADT2-1T+
T-0011	TRANSFORMER TC 1:1 SMD	TC1-1T+	T8, T9, T10, T11	TC1-1T+
T-0012	TRANSFORMER 1:4 RF SMD	ADT4-6+	T14	ADT4-6+
U-0043	IC AMP CASCADABLE DC-500 MHZ INGA/GAAS MMIC SOT89	SBF-4089	IC36, IC39	SBF-4089Z-BLK
U-0047	IC I2C I/O EXPANDER GP 24-TSSOP	PCA9555PW SMD	IC30, IC31	PCA9555PW
U-0048	IC I2C MUX 2CH 14-TSSOP	PCA9542AD-T	IC2	PCA9542APW
U-0052	IC 200MA LDO LINEAR REG SOT23-5	TPS79318DBV R	IC18, IC23	TPS79318DBVT
U-0053	IC LDO REG 3.3V 200MA SOT23-5	TPS79333DBV R SMD	IC15, IC43, IC50	TPS79333DBVR
U-0083	IC LOW CURRENT REGU	UA78L05ACPK SOT-89 SMD	IC35, IC44	UA78L05ACPK
U-0085	IC 24-Bit 192K 123dB ADC SOP/28PIN	AK5394AVSP	IC40	AK5394AVSP
U-0086	IC HS DIFF LINE TXRX 8-MSOP	SN65LVDM176 DGK	IC3, IC4, IC5, IC17	SN65LVDM176DGK
U-0095	IC PROG VOLTAGE SOURCE 8-TSSOP	BUF01900AIP W	IC34	BUF01900AIPWR
U-0102	IC DIFF RECEIVER DUAL HS 8-SOIC	SN65LVDT34D	IC37	SN65LVDT34D
U-0103	IC FULLY-DIFF AMP R-R OUT 16-QFN	THS4520RGTT SMD	IC33, IC46	THS4520RGTT
U-0107	IC LDO VOLT REG 4.75V SOT-23-5	TPS793475DB VR	IC32, IC42	TPS793475DBVR
U-0110	IC I2C EEPROM 64K 8SOIC	M24C64-WMN6P	IC1	M24C64-WMN6P
U-0118	IC DUAL 1OF4 MUX/DEMUX 16TSSOP	SN74CBT3253 PWR	IC41	SN74CBT3253PWR
U-0126	IC DDS DUAL 500MSPS DAC 56LFCSP	AD9958BCPZ	IC21	AD9958BCPZ
R-NP	RES NO POPULATE	NP	R2, R3	
J-NP	CONNECTOR NO POPULATE	NP	SV1	