

Item	Qty	Part Number	Value	Ref.Des.	PCB Footprint	Manufacturer	Vendor	Vendor PN
1	40	500R15Y104ZV4T	100 nF	C1,C2,C3,C5,C6,C9,C11, C13,C14,C18,C20,C21,C23, C25,C27,C32,C33,C42,C45, C47,C49,C50,C53,C54,C55, C56,C57,C58,C59,C60,C61, C62,C63,C64,C65,C66,C67, C68,C69,C70	805	Johanson	Garrett	500R15Y104ZV4T
2	1	T491A106M016AT	10 uF/16V	C4	3216	Epcos	Mouser	80-T491A106M016
3	1	GRM2195C1H912JA01D	CAP CER 9100PF 50V 5% COG 0805	C10	805	Murata	DigiKey	490-1641-1-ND
4	15	C0805C106K9PACTU	CAP CERAMIC 10UF 6.3V X5R 0805	C7,C8,C12,C22,C26,C34, C35,C36,C37,C38,C39,C40, C43,C51,C52	805	Kemet	Arrow	C0805C106K9PACTU
6	1	08055C563KAT2A	56 nF DNI	C15	805	AVX	DigiKey	478-1392-1-ND
7	1	GRM21BR71E394KA01L	390 nF DNI	C16	805	Murata	DigiKey	490-1679-1-ND
8	1	08051A680JAT2A	68 pF 1%	C17	805	AVX	Garrett	08051A680JAT2A
9	1	GRM2165C1H200JZ01D	20 pF 1% (using 5%)	C19	805	Murata	Mouser	81-GRM215C1H200FZ01D
10	1	GRM2165C1H101FA01D	100 pF 1%	C24	805	Murata	Mouser	81-GRM40C101F50D
11	1	GRM2165C1H820FZ01D	82 pF 1%	C28	805	Murata	Mouser	81-GRM215C1H820FZ01D
12	1	GRM2165C2A111JA01D	110 pF 1% (using 5%)	C29	805	Murata	DigiKey	490-1600-1-ND
13	1	GRM2165C1H300FZ01D	30 pF 1%	C30	805	Murata	Mouser	81-GRM215C1H300FZ01D
14	1	GRM2165C1H5R6CD01L	5.6 pF +/- .25	C31	805	Murata	Mouser	81-GRM215C1H5R6CD01L
15	1	ECJ-2VC1H471J	470 pF	C41	805	Panasonic	DigiKey	PCC471CGCT-ND
16	3	C0805C103K5RACTU	CAP 10000PF 50V CERAMIC X7R 0805	C44,C46,C48	805	Kemet	Allied	541-0909
17	1	BQ014E0563J	56 nF	C71	BQ01	AVX	Mouser	581-BQ014E0563J
18	1	BQ074E0394J	390 nF	C72	BQ07	AVX	Mouser	581-BQ074E0394J
19	4	BAT54	BAT54S	D1,D2,D3,D4	SOT23A	Fairchild	Mouser	512-BAT54S (Buying Bat54S for all)
21	8	EXC-CET102U	EMXCET102U	FL1,FL2,FL3,FL4,FL5,FL6, FL7,FL8	EXCCET	Panasonic	DigiKey	P9830TR-ND
22	7	22-28-4020	RF OUT LAST JTAG I2C BYP ONE WIRE	JP1,TP2,TP1 JP7 JP11,JP10 JP12	J12P	Molex	Arrow	22-28-4020
23	7	22-28-4030	EXT FIL PTT MIC BIAS MIC AUD	JP3,JP2 JP4 JP5 JP6	J13P	Molex	Arrow	22-28-4030

			CONFIGB	JP8				
			CONFIGA	JP9				
32	1	22-28-4050	LVDS	J1	J15P	Molex	Avnet	22-28-4050
33	1	1725672	ALT POWER DNI	J2	PHX4	Phx Cont	Allied	409-0012
34	1	132136	XVTR/PA DNI	J3	SMAIRA	AMphenol	Mouser	523-132136
35	1	SJ1-3533NG	MIC	J4	SJ3533	CUI	DigiKey	CP1-3533NG-ND
36	1	73100-0105	Antenna/PA	J5	BNCRTS	Molex	Mouser/Newark	538-73100-0105
37	1	182-025-213R531	DB25S	J6	CONNDB125S	NorComp	Mouser	636-182-025-213R531
38	7	LTST-C170CKT	RED	LED1,LED2,LED3,LED4,LED5, LED6,LED7	LED0805	Everlight	Mouser	638-QTLP630C7
39	9	MMZ2012R601A	FERRITE	L1,L2,L4,L6,L7,L9,L10,L11,L12	805	TDK	Mouser	810-MMZ2012R601A
40	2	T30-6	130 nH	L8,L3	T32I2	Amidon	Amidon	T30-6
41	1		160 nH	L5	T37I2			
42	1	09-03-196-6921	571-6504735	P1	DIN96_ABC/R	Harting	Mouser	617-09-03-196-6921
43	2	10-89-7101	SCONFIG	P2	J10P	Molex	Arrow	10-89-7101
			ALTERA JTAG	P3				
45	1	10-89-7081	ANALOG	P4	J18P	Molex	Mouser	538-10-89-7081
46	1	2N7002LT1G	2N7002K	Q1	SOT23A	ON	Allied	568-0298
47	1	EXB-A10P222J	2K2	RP1	EXB-A	Panasonic	DigiKey	U7222CT-ND
48	1	EXB-A10P103J	10K	RP2	EXB-A	Panasonic	DigiKey	U7103CT-ND
49	6	EXB-A10P104J	100K	RP3,RP4,RP5,RP6,RP7,RP8	EXB-A	Panasonic	DigiKey	U7104CT-ND
50	2	TBD	TBD DNI	R5,R1	805	Rohm	DigiKey	TBD
51	7	CRCW0805100RFKEA	100R	R2,R11,R16,R32,R34,R36,R38	805	Dale	Mouser	71-CRCW0805-100-E3
53	2	CRCW08054R99FNEA	4R99	R13,R4	805	Dale	Mouser	71-CRCW08054R99FNEA
52	8	CRCW08051K00FKEA	1K0	R6,R7,R14,R23,R24,R30,R3,R12	805	Dale	Garrett	CRCW08051K00FKEA
55	2	CRCW080510K0FKEA	10K	R37,R8	805	Dale	Mouser	71-CRCW0805-10K-E3
56	1	CRCW08052K70FKEA	2K70	R9	805	Dale	Mouser	71-CRCW0805-2.7K-E3
57	1	CRCW080556K0FKEA	56K	R10	805	Dale	Mouser	71-CRCW080556K0FKEA
58	1	CRCW08059K10FKEA	9K1	R15	805	Dale	Mouser	71-CRCW0805-9.1K-E3
59	2	CRCW0805220RFKEA	220R	R28,R17	805	Dale	Mouser	71-CRCW0805-220-E3
60	3	CRCW0805100KFKEA	100K	R18,R21,R25	805	Dale	Mouser	71-CRCW0805-100K-E3
61	1	CRCW0805220KFKEA	220K	R19	805	Dale	Mouser	71-CRCW0805-220K
62	1	CRCW08051K80FKEA	1K8	R20	805	Dale	Mouser	71-CRCW0805-1.8K-E3
63	2	CRCW0805510KFKEA	510K	R22,R26	805	Dale	Mouser	71-CRCW0805-510K-E3
64	5	CRCW08053K30FKEA	3K30	R27,R29,R31,R33,R35	805	Dale	Garrett	CRCW08053K30FKEA
66	3	CRCW08052K20FKEA	2K20	R39,R40,R41	805	Dale	Mouser	71-CRCW0805-2.2K-E3
67	2	CRCW08050000Z0EA	0	R42,R43	805	Dale	Mouser	71-CRCW0805-0-E3
69	2	TC4-1T	TC4-1T	T3,T1	AT224	MiniCircuits	MiniCircuits	TC4-1T
70	1	ADT1.5-1	ADT1.5-1	T2	CD542	MiniCircuits	MiniCircuits	ADT1.5-1
71	1	CVHD-950-122.88	122.88 MHz	U1	CMX309	Crystek	DigiKey	744-1271-ND
72	1	ASV-10.000MHZ-EJ-T	10 MHz	U2	AVX5X7	Abracon	Mouser	815-ASV-10-EJ-T
73	1	DNI	10 MHz ALT DNI	U3	CMX309	TBD	TBD	DNI
74	1	LD1117S33TR	LD1117D33CTR	U4	SOT223	STMicro	NuHorizons	LD1117S33TR

75	1	SN65LVDM180D	SN65LVDM180	U5	SO14NB	TI	DigiKey	296-1420-5-ND
76	1	OPA2674ID	OPA2674IC	U6	SO8NB	TI	Newark	73H4297
77	1	AD9744ARUZ	AD9744ARU	U7	TSSOP28	Analog Dev	DigiKey/Analog	AD9744ARUZ-ND
78	1	M25P40-VMN6P	M25P40	U8	SO8NB	ST Micro	NuHorizons	M25P40-VMN6P
79	1	LMC6482AIM/NOPB	LMC6482AM	U9	SO8NB	NSC	Allied	288-0668
80	1	TLV320AIC23BPW	TLV320AIC23B	U10	SSOP28	TI	Rochester	TLV320AIC23BPW
81	1	EP2C8Q208C8N	EP2C8-PQ208	U11	PQFP208	Altera	Arrow	EP2C8Q208C8
82	3	OPA350UA	OPA350	U12,U13,U14	SO8NB	TI	Newark	35C1894
83	1	LD1117S12TR	FAN1112SX	U15	SOT223	STMicro	NuHorizons	LD1117S12TR
84	1	ADC78H90CIMT/NOPB	ADC78H90CIMT	U16	TSSOP16	NSC	DigiKey	ADC78H90CIMT-ND
85	1	DS2431P+	DS2431P	U17	TSOC6	Dallas	DigiKey	DS2431P+-ND
86	1	ULN2003AD	ULN2003AD	U18	SO16NB	TI	Allied	735-2034
87	8	68786-102LF	Shunt			FCI	Allied	518-0071