

Item	Description	Reference	Qty	ProdQty	Manufacturer	# P/N	Package	#Digikey P/N	Comments
1	CAP .10UF 16V CERAMIC X7R 0603	C8,C24,C25,C26,C29,C31,C37,C45	8	800	Kemet	C0603C104K4RACTU	C0603	399-1096-1	
2	CAP 10000PF 25V 5% CERAMIC COG 0603	C43	1	100	TDK Corporation	C1608C0G1E103J	C0603	445-2664-1-ND	alternate part: C0603C103K5RACTU
3	CAP 1.2PF 50V ±0.25PF CERAMIC COG 0603	C4,C5,C13	3	300	Murata	GRM1885C1H1R2C201D	C0603	490-1374-1	
4	CAP 1.5PF 50V ±0.25PF CERAMIC COG 0402	C10	1	100	Murata	GRM1555C1H1R5C201D	C0402	490-1366-1	
5	CAP 1.8PF 50V ±0.25PF CERAMIC COG 0603	C3	1	100	Murata	GRM1885C1H1R8C201D	C0603	490-1378-1	
6	CAP 1000PF 50V 10% CERAMIC X7R 0402	C12,C15	2	200	Murata	GRM155R71H102KA01D	C0402	490-1303-1	
7	CAP 22000PF 10V 10% CERAMIC X5R 0402	C16	1	200	Kemet	C0402C223K8PACTU	C0402	399-3015-1-ND	
8	CAP CERAMIC 1.0UF 10V X5R 0603	C2,C19,C28,C35,C44	5	500	Kemet	C0603C106K8PACTU	C0603	399-3118-1	
9	CAP 2.2PF 50V ±0.25PF CERAMIC COG 0603	C7	1	100	Murata	GRM1885C1H2R2C201D	C0603	490-1380-1	
10	CAP CER 2.2UF 16V X5R 0603	C39	1	100	Murata Electronics North America	GRM188R61C225KE15D	C0603	490-3296-1	
11	CAP 2.2UF 10V 10% CERAMIC X7R 0805	C22	1	100	Murata	GRM218R71A225KA01L	C0805	490-1696-1	
12	CAP 3300PF 50V 10% CERAMIC X7R 0603	C18,C27,C34	3	300	Panasonic	ECJ1VB1H332K	C0603	PCC1778CT	
13	CAP 10000PF 16V 10% CERAMIC X7R 0402	C11	1	100	Murata	GRM155R71C103KA01D	C0402	490-1313-1	
14	CAP 3.3PF 50V ±0.25PF CERAMIC COG 0603	C20	1	100	Murata	GRM1885C1H3R3C201D	C0603	490-1384-1	
15	CAP 4.7UF 16V 10% CERAMIC X7R 0805	C6	1	100	Murata	GRM218R71C475KA73L	C0805	490-4522-1	
16	CAP 33PF 50V 5% CERAMIC COG 0603	C1,C14,C21,C36	4	400	Kemet	C0603C330J5GACTU	C0603	399-1055-1	
17	CAP 0.47UF 10V 10% CERAMIC X7R 0603	C30	1	100	Taiyo	LMK10787474KA-T	C0603	587-1252-1	
18	CAP CERAMIC 10UF 10V 0603 X5R	C46,C47	2	200	Panasonic - ECG	ECJ1VB1A100M	C0603	PC72479CT	alternate part: C1608XSR0J106M / GRM188
19	CAP 10UF 16V 10% CERAMIC X5R 0805	C23	1	100	Murata	GRM218R61C100KE15L	C0805	490-3886-1	alternate part: EMK212B1J06KG-T
20	CAP CERAMIC 100PF 50V NPO 0603	C40,C41,C42	3	300	Kemet	C0603C101J5GACTU	C0603	399-1061-1	
21	DNP	C9,C38	2	200			C0402	-	
22	DNP	C17,C32,C33	3	300			C0603	-	
23	RES 1K 1/16W 5% 0402	R3,R5,R7,R10	4	400	Yageo	RC0402JR-071KL	C0402	311-1.0KJRCT	
24	RES 47K 1/16W 5% 0402	R1	1	100	Yageo	RC0402JR-0747KL	C0402	311-47KJRCT	
25	RES 680K 1/16W 1% 0402	R14	1	100	Yageo	CRCW0402680KFED	C0402	541-680KLTR-ND	
26	RES 100 1/5W 5% 0603	R2,R6,R8,R9,R11,R12,R15	7	700	Rohm	ESR03EZP3J101	C0603	RHM100DCT-ND	
27	RES 150 1/5W 5% 0603	R16	1	100	Rohm	ESR03EZP3J151	C0603	RHM150DCT-ND	
28	RES 390K 1/16W 1% 0402	R13	1	100	Vishay	CRCW0402390KFED	C0402	541-390KJCT	
29	RES 680 1/16W 5% 0402	R4	1	100	Yageo	RC0402JR-07680RL	C0402	311-680JRCT	
30	INDUCTOR 6.2NH 300MA ±0.3NH 0402	L4	1	100	Murata	LQG15HS6N2502D	C0402	490-2620-1-ND	
31	INDUCTOR 6.2NH 650MA ±0.2NH 0603	L7	1	100	Panasonic	ELJ-REAN22FA	C0603	PCD2001CT	
32	INDUCTOR 10NH 400MA 5% 0603	L1	1	100	Murata	LQW18AN10NJO0D	C0603	490-1169-1	
33	INDUCTOR 18NH 300MA 5% 0402	L5,L6	2	200	Murata	LQG15HS18N.WD2	C0402	490-2626-1	
34	INDUCTOR 27NH 440MA 5% 0603	L3	1	100	Murata	LQW18AN27NJ00D	C0603	490-1174-1	
35	INDUCTOR 47NH 250MA 5% 0603	L2	1	100	Panasonic	ELJ-RE47NJFA	C0603	PCD1981CT	
36	FERRITE 1800OHM 100MA 0402	L8,L9,L10,L11,L12,L13,L14,L15,L16,L17,L18	11	1100	Murata	BLM15B0182SN1D	C0402	490-5195-1	
37	DNP	L01,L02,L03	3	300			HD81Y2		
38	DIODE ZENER 3.3V 200MW SOD-323	D1	1	100	Diodes Inc.	MMS25226BS-7-F	SOD323	MMS25226BS-FDIDKR-ND	
39	CRYSTAL 32.768KHZ 6PF SMD	X2	1	100	ECS Inc.	ECS-327-6-17X-TR	SMD	XC1307	
40	CRYSTAL 39MHz	X1	1	100	NDK	NX32255A-39.000000MHZ-B4	XTAL-2.5x3	644-1104-1	
41	B3588 915MHz SAW FILTER	F1	1	100	EPCOS	B39921B3588U410W9	BPF-MF101	495-1674-1	
42	DUAL NPN SMT TRANSISTOR	Q1,Q2	2	200	Diodes Inc.	MMDT5551-7-F	SOT363	MMDT5551-FDICT	
43	DNP	J1,J2	1	100			HD81X3		
44	CONN HEADER 8POS 2MM VERT PC MT	J4	1	100	3M	951208-8622-AR	TH	3M9174-ND	
45	MB 2X8 0.050" HEADER	J3	1	100	Sullins	SMH200-NPPB-D08-ST-8K	TH	n/a	custom-made connector
46	CONN MMCX FEMALE R/A PCB MOUNT	J7	1	100	Linx Technologies	CONMMCX002	MMCXCON	CONMMCX002-ND	
47	300mA LOW QUIESCIENT CURRENT LDO	U1	1	100	Microchip Technology	MCP1802T-3302IOT	S23-5	MCP1802T-3302IOTCT-ND	
48	IC REF LDO PREC 2.5V SOT23-5	U2	1	100	National Semiconductor	LM4132BMP-2.5/NOPB	SOT-23-5	LM4132BMP-2.5CT-ND	
49	MA-COM GaAs SPDT switch	U3	1	100	NEC	UPG2214TB-A	SOT363	UPG2214TB-A	found at Mouser: 551-UPG2214TB-A, Diode
50	Narrow-Band Transceiver	U4	1	100	Semtech	XE1205074TRLF	VQFN-48	XE1205074CT	
51	TI mixed signal microcontroller	U5	1	100	TI	MSP430F5438PZ	TQFP100P	296-23859-1	
52	IC DATAFLASH 4MBIT 2.7V 8-SOIC	U6	1	100	Atmel	AT45DB041D-SU	8-SOIC	AT45DB041D-SU-ND	alternate part: AT45DB041D-SU-2.5
53	RF shield	SH1	1	100	Van-Isle Tech	WN-200 REV2	TH	n/a	custom-made, order formed
54	PCB		1	100					