

Comment	Description	Designator	Manufacturer	Manufacturer Part Number	Supplier	Supplier Part Number	Quantity	Price (Qty 1)	Note
4.7uF	CAP CER 4.7UF 10V X5R 0402	C1, C5, C9, C11, C17, C32, C54, C59	Samsung Electro-Mechanics	CL05A475MP5NRNC	Digi-Key	1276-1482-1-ND	8	\$0.10	
0.1uF	CAP CER 0.1UF 50V X7R 0402	C2, C3, C4, C6, C7, C8, C10, C12, C13, C15, C16, C18, C19, C20, C21, C27, C28, C29, C34, C35, C36, C37, C38, C39, C40, C42, C43, C44, C45, C52, C53, C55, C56, C57, C58, C60	Murata Electronics	GRM155R71H104KE14D	Digi-Key	490-10700-1-ND	36	\$0.10	
2.2uF	CAP CER 2.2UF 35V X5R 0402	C22	TDK	C1005X5R1V225K050BC	Digi-Key	445-9028-1-ND	1	\$0.34	
10uF	CAP CER 10UF 10V X5R 0805	C23, C24, C25, C30, C31, C51	Samsung Electro-Mechanics	CL21A106KPFNNNG	Digi-Key	1276-6456-1-ND	6	\$0.12	
10nF	CAP CER 10000PF 16V X7R 0402	C26	Samsung Electro-Mechanics	CL05B103K05NNNC	Digi-Key	1276-1051-1-ND	1	\$0.10	
22pF	CAP CER 22PF 50V C0G/NP0 0402	C41, C46, C47, C49	Samsung Electro-Mechanics	CL05C220JB5NNNC	Digi-Key	1276-1116-1-ND	4	\$0.10	
1uF	CAP CER 1UF 25V X5R 0402	C48	TDK Corporation	CGB2A1X5R1E105K033BC	Digi-Key	445-13185-1-ND	1	\$0.19	
100uF	CAP CER 100UF 10V X5R 1210	C50	Taiyo Yuden	LMK325ABJ107MMHP	Digi-Key	587-5467-1-ND	1	\$1.30	
180R	FERRITE BEAD 180 OHM 0603 1LN	FB1, FB2	TDK Corporation	MPZ1608S181ATAH0	Digi-Key	445-5220-1-ND	2	\$0.10	
73725-0110BLF	CONN RCPT USB A PTH RA	J1, J3	Amphenol FCI	73725-0110BLF	Mouser	649-73725-0110BLF	2	\$1.07	
10033526-N3212LF	CONN RCPT MINI USB B 5POS SMD RA	J2	Amphenol ICC (FCI)	10033526-N3212LF	Digi-Key	609-4700-1-ND	1	\$0.78	
DM3BT-DSF-PEJS	MICRO SD CD CONN REV SMT PUSH/PUSH	J4	Hirose Connector	DM3BT-DSF-PEJS	Mouser	798-DM3BT-DSF-PEJS	1	\$2.35	
DF23C-40DP-0.5V(92)	CONN PLUG 40POS SMD GOLD	J5	Hirose Electric Co Ltd	DF23C-40DP-0.5V(92)	Digi-Key	H124750CT-ND	1	\$1.25	Mating connector DF23C-40DS-0.5V(51)
Header 4	0.100" (2.54mm) PITCH 4POS PTH	J6	-	-	-	-	1	\$0.00	
2.2uH	FIXED IND 2.2UH 2.5A 87MOHM SMD	L1	Samsung Electro-Mechanics	CIGT201610EH2R2MNE	Digi-Key	1276-6901-1-ND	1	\$0.29	
100k	RES 100K OHM 1% 1/16W 0402	R1, R2, R11, R19, R24, R25, R26, R28, R29, R30	YAGEO	RC0402FR-07100KL	Digi-Key	311-100KLRCT-ND	10	\$0.10	
22k	RES 22K OHM 1% 1/16W 0402	R3, R32	YAGEO	RC0402FR-0722KL	Digi-Key	311-22.0KLRCT-ND	2	\$0.10	
20k 1%	RES 20K OHM 1% 1/16W 0402	R4	YAGEO	RC0402FR-0720KL	Digi-Key	311-20.0KLRCT-ND	1	\$0.10	
4.7k 1%	RES SMD 4.7K OHM 1% 1/16W 0402	R5, R6	Vishay Dale	CRCW04024K70FKED	Digi-Key	541-4.70KLCT-ND	2	\$0.10	
0R	RES 0 OHM 0402	R9, R33	-	-	Digi-Key	-	2	\$0.10	
51R	RES 51 OHM 1% 1/16W 0402	R8, R14, R15, R16	YAGEO	RC0402FR-0751RL	Digi-Key	311-51.0LRCT-ND	4	\$0.10	
5.62k 1%	RES 5.62K OHM 1% 1/16W 0402	R12	YAGEO	RC0402FR-075K62L	Digi-Key	311-5.62KLRCT-ND	1	\$0.10	
2.2k	RES SMD 2.2K OHM 1% 1/16W 0402	R20, R21	Yageo	RC0402FR-072K2P	Digi-Key	YAG1260CT-ND	2	\$0.10	
15k	RES SMD 15K OHM 1% 1/10W 0402	R31	Panasonic Electronic Components	ERJ-2RKF1502X	Digi-Key	P15.0KLCT-ND	1	\$0.10	
SAM9X60D1G-I/4FB	MPU ARM926 MPU, 1GBIT DDR2, BGA, IND TEMP	U1	Microchip	SAM9X60D1G-I/4FB	Mouser	579-SAM9X60D1G-I/4FB	1	\$14.19	
MIC2800-G8SYML	PMIC DC-DC + 2 Linear Regulators	U2	Microchip	MIC2800-G8SYML-TR	Mouser	579-MIC2800G8SYMLTR	1	\$2.46	
TPD2E001DRSR	ESD Suppressors / TVS Diodes Lo-Cap 2Ch	U3, U4, U5	Texas Instruments	TPD2E001DRSR	Mouser	595-TPD2E001DRSR	3	\$0.66	
ECLAMP2410PQCT	ESD Suppressors / TVS Diodes 5V 6-Line	U6	Semtech	ECLAMP2410PQCT	Mouser	947-ECLAMP2410PQCT	1	\$1.59	
DSC1001BI5-024.0000T	MEMS Oscillator Low PWR -40C-85C 10ppm	Y1	Microchip	DSC1001BI5-024.0000T	Mouser	579-001BI50240000	1	\$1.94	
ABS06-32.768KHZ-T	Crystals 32.768K HZ 12.5PF -40+85C	Y2	Abracon	ABS06-32.768KHZ-T	Mouser	815-ABS06-32.768K-T	1	\$1.49	