

Designation	Qty	Description
C100, C101	2	CAP CER 22UF 10V 20% X5R (1206) TDK C3216X5R1A226M160AC
C102	1	CAP TANT 220UF 4V 20% (2917) Panasonic 4TPE220MF
C103	1	CAP CER 2.2UF 50V 10% X7R (1206) TDK C3216X7R1H225K160AB
C104	1	CAP CER 22PF 50V 1% NP0 (0402) TDK C1005C0G1H220F050BA
C105	1	CAP CER 4700PF 25V 5% X7R (0402) Samsung CL05B472JA5NNNC
C106, C111	2	CAP CER 1UF 16V 10% X7R (0603) AVX 0603YC105KAT2A
C107, C201, C203, C205	4	CAP CER 1UF 6.3V 10% X7R (0402) Samsung CL05B105KQ5NQNC
C108	1	CAP CER 0.068UF 25V 10% X7R (0402) TDK CGA2B3X7R1E683K050BB
C109	1	CAP CER 100PF 50V 1% NP0 (0402) TDK C1005C0G1H101F050BA
C110	1	CAP CER 100PF 50V 5% NP0 (0402) TDK C1005C0G1H101J050BA
C114	1	CAP CER 1000PF 2KV 10% X7R (1808) TDK C4520X7R3D102K130KE
C121	1	CAP CER 2.2UF 25V 10% X7R (0805) TDK C2012X7R1E225K125AB
C200, C400	2	CAP CER 0.01UF 16V 10% X7R (0402) TDK C1005X7R1C103K050BA
C202, C204, C206, C300, C301, C302, C303, C403,	9	CAP CER 0.1UF 16V 10% X7R (0402) TDK C1005X7R1C104K050BC
C207	1	CAP CER 4.7UF 10V Y5V (0603) Murata GRM188F51A475ZE20D
C401, C402	2	CAP CER 47PF 50V 1% NP0 (0402) TDK C1005C0G1H470F050BA
D100	1	DIODE ZENER 6.46V 500MW (SOD323F) Diodes Inc DDZ6V8ASF-7
D101, D102	2	DIODE SWITCHING 75V 0.2A (SOD523F) Fairchild 1N4148WT
D105	1	DIODE Schottky 30V 0.2A (SC-90A) Panasonic DB2J31300L
J300	1	CONN PWR JACK 2.1X5.5MM HIGH CUR CUI PJ-202AH
L400	1	FERRITE CHIP 600 OHM (0805) Murata BLM21AG601SN1D
LED200	1	LED GREEN 0.2MM 13MCD (0402) Rohm SML-P12PTT86
LED201	1	LED RED-HB 0.2MM 85MCD (0402) Rohm SML-P12UTT86

P201	1	CONN HEADER 10 POS DUAL .05" SMD Samtec FTSH-105-01-L-DV
P300, P301	2	Conn Term BLK 8-Pos R/A 2.5mm SMD Phoenix 1771088
P400	1	CONN RCPT MCR USB AB SMD TH SHLL Hirose ZX62RD-AB-5P8
Q100	1	TRANS NPN 40V 200MA (SOT23) On Semi MMBT3904LT1G
R100, R207, R209, R211, R213	5	RES 10K OHM 1/10W 5% (0402) Panasonic ERJ-2GEJ103X
R101	1	RES 36.5K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF3652X
R102	1	RES 11K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF1102X
R103, R110	2	RES 30.1K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF3012X
R104	1	RES 120K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF1203X
R106	1	RES 280K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF2803X
R107	1	RES 80.6K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF8062X
R108	1	RES 20K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF2002X
R109	1	RES 27.4K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF2742X
R111	1	RES 2.37K OHM 1/10W 1% (0402) Panasonic P2.37KLCT-ND
R113	1	RES 13K OHM 1/10W 1% (0402) Panasonic ERJ-2RKF1302X
R114, R300, R303	3	RES 1.24K OHM 1/10W 1% (0402) Panasonic P1.24KLCT-ND
R116, R400, R401	3	RES 27 OHM 1/10W 5% (0603) Panasonic ERJ-3GEYJ270V
R202, R203, R204, R205, R206, R208	6	RES 0.0 OHM 1/10W JUMP (0402) Panasonic ERJ-2GE0R00X
R210, R212	2	RES 1.5K OHM 1/10W 5% (0402) Panasonic ERJ-2GEJ152X
R301, R302	2	RES 22K OHM 1/10W 5% (0402) Panasonic ERJ-2GEJ223X
R304, R305	2	RES 120 OHM 1/4W 5% (0603) Rohm ESR03EZPJ121
T100	1	24V-to-3.3V TRANSFORMER Sumida 06351-T590, Type CEE94
TP200, TP300	1	TEST POINT PC MINI 0.040"D RED Keystone 5000

TP201, TP301	1	TEST POINT PC MINI 0.040"D BLK Keystone 5001
TVS300, TVS301, TVS302	3	TVS DIODE 12VWM/7VWM (SOT23) Semtech SM712.TCT
U100	1	5A, 2.4V to 5.5V Input, High-Efficiency Power Module Maxim MAX17515ELI+
U101	1	AC-DC and DC-DC Peak-Current-Mode Converter (TQFN-16) Maxim MAX17498CATE+
U200	1	MCU ARM 128K FLASH/TIMER (7x7 LQFP-48) ST Micro STM32F103CBT6
U300	1	Six-Channel Digital Isolator Maxim MAX14850ASE+
U301	1	Half Duplex RS-485 Transceiver Maxim MAX14783EATA+
U302	1	Full Duplex RSW-485 Transceiver Maxim MAX14789EGSA+
U400	1	IC USB SERIAL BASIC UART (12DFN) FTDI FT234XD-R
C112, C113, C117, C118,	0	Not installed, CAP CER (0603)
C405	0	Not installed, CAP CER 0.22F 50V 10% X7R 0603
P200	0	Not installed
R112, R115, R117, R118, R119, R120, R121, R124, R125, R126, R127, R128,	0	Not installed, Resistor (0402)
U102	0	Not installed, Opto-Coupler Toshiba TLP291(GRL-TP,SET)
U103	0	Not installed, TL431 TI IC VREF SHUNT PREC ADJ SOT-23-5
Y200	0	Not installed, Crystal Hosonic DNCB8.00000ETSMA