Riverside (MAXREFDES8#) BOM RevB

PART	QTY	DESCRIPTION
+12V, EXT_+3.3V	2	Red multipurpose test points Keystone 5010
C1, C6, C7	3	10uF 10%, 25V, X5R ceramic capacitors (1206) Murata GRM31CR61E106K
C2	1	0.1uF 10%, 25V, X5R ceramic capacitor (0603) Murata GRM188R61E104K
C3, C4	2	0.1uF 10%, 50V, X5R ceramic capacitors (0603) Murata GRM188R61H104K
C5	0	Not installed, ceramic capacitor (0603)
D1, D2	2	30V 1A Schottky Diode (SOD-123) Diodes Inc. B130LAW-7-F
D3	1	16.1V Zener Diode, Iz = 10mA (SOD-323) Diodes Inc. DDZ16CSF-7
DGND, GND	2	Black multipurpose test point Keystone 5011
J1	1	2 x 6 right angle male header PMOD compatible Samtec TSW-106-08-S-D-RA
JU1	1	3-pin headers (strip, cut to fit) Sullins PEC36SAAN
R1	1	39.2k ohm 1% resistor (0402)
R2	1	90.9k ohm 1% resistor (0402)
R3	1	10.2k ohm 1% resistor (0402)
T1	1	198uH 3W 1:1:2.6:2.6 turn Transformer Halo Electronics TGM-H281NF
U1	1	3W Primary-Side Transformer H-Bridge Driver (8 SO-EP) Maxim MAX256ASA+
U2	1	350mA, 16.5V input, low-dropout linear regulator (8 SO) Maxim MAX1659ESA+
---	1	Shunt
---	1	PC board: Riverside (MAXREFDES8#) +3.3V Input, +12V (+15V) Output Isolated Power Supply
Extra resistor	1	187k ohm 1% resistor (0402)
Extra resistor	1	16.2k ohm 1% resistor (0402)