Corona (MAXREFDES12#) BOM RevA

Designation	Qty	Description
C1, C13	2	0.1uF 10%, 50V X7R ceramic capacitors (0603) MURATA GRM188R71H104K
C2	1	10uF 20%, 50V X5R ceramic capacitor (1210) TAIYO YUDEN UMK325BJ106MM
C11, C15, C16	3	0.1uF 10%, 10V, X7R ceramic capacitors (0402) MURATA GRM155R71A104K
C12	1	4.7uF 10%, 10V, X7R ceramic capacitor (0805) MURATA GRM21BR71A475K
C14	1	1uF 10%, 50V X7R ceramic capacitor (0805) MURATA GRM21BR71H105K
D1	1	36V TVS diode On Semiconductor 1SMB36AT3G
D2, D3	2	Red LED (0603) OSRAM LS L29K-G1J2-1-Z
D4	1	60V 500mA Rectifier (DFN3030-4) Diodes Inc. SBR05M60BLP-7
J1	1	2x8 pin vertical male header (strip, cut to fit) Sullins PEC36DAAN
J2	1	2x6 right angle male header PMOD compatible Samtec TSW-106-08-S-D-RA
JU1	1	3-pin headers (strip, cut to fit) Sullins PEC36SAAN
JU2-JU5	4	2-pin headers (strip, cut to fit) Sullins PEC36SAAN
R1	1	150 ohm 1%, 1W MELF resistor (0207) Vishay MMB02070C1500FB200
R2-R9	8	2.2k ohm 1%, 0.4W MELF resistors (0204) Vishay MMA02040C2201FB300
R10, R14	2	15k ohm 5% resistors (0603)
R11	1	1.5k ohm 5% resistor (0603)
R12	1	10k ohm 5% resistor (0603)
R13	1	1k ohm 5% resistor (0603)
TP1, TP3	2	Red multipurpose test points
TP2, TP4	2	Black multipurpose test points
T1	1	1:1 300mA Transformer Halo Electronics TGMR-501V6LF
U1	1	Industrial, Octal, Digital Input Translator/Serializer (28 TSSOP-EP) Maxim MAX31911AUI+
U2	1	36V H-Bridge Transformer Driver (10 TDFN-EP) Maxim MAX13256ATB+
U3	1	Six-Channel Digital Isolator (16 SO) Maxim MAX14850ASE+
---	5	Shunts
C3-C10	0	Not installed, ceramic capacitor (0603)
---	1	PC board: Corona (MAXREFDES12#) Isolated Industrial Octal Digital Input Translator/Serializer