

Filename: #VALUE!
Variant: None
Generated: 1/21/2020 1:58 PM

<Parameter PRJ_Title not found>

Designator	Description	Manufacturer
C1	CAP, CERM, 1 uF, 100 V, +/- 10%, X7R, 1206	TDK
C2, C6, C7	CAP, CERM, 22 uF, 10 V, +/- 10%, X7R, 1206	MuRata
C3, C18	CAP, CERM, 4.7 uF, 100 V, +/- 10%, X7R,	TDK
C4, C19	CAP, CERM, 0.47 uF, 100 V, +/- 10%, X7R, 1206	TDK
C5	CAP, CERM, 0.47 uF, 50 V, +/- 10%, X7R, AEC-Q200	TDK
C8, C21	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, AEC-Q200	MuRata
C9	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, AEC-Q200	Kemet
C10	CAP, CERM, 0.1 uF, 50 V, +/- 5%, X7R, 0603	Kemet
C11, C13,	CAP, CERM, 0.01 uF, 16 V, +/- 10%, X7R, 0603	Kemet
C16, C20,	CAP, CERM, 10 pF, 10 V, +/- 10%, X7R, 0603	AVX
C17	CAP, CERM, 2.2 uF, 10 V, +/- 10%, X7R, 0603	TDK
C24, C25,	CAP, CERM, 1 uF, 16 V, +/- 20%, X7R, 0603	Samsung
C27	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, AEC-Q200	MuRata
C30, C33	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0603	Samsung Electro-
C31, C32	CAP, CERM, 22 uF, 10 V, +/- 20%, X7R, 0805	MuRata
D1, D8, D9,	Diode, Zener, 3.6 V, 200 mW, SOD-323	Diodes Inc.
D2, D5	LED, Red, SMD	Würth Elektronik
D4, D7	Diode, TVS, Uni, 60 V, 96.8 Vc, SMB	Diodes Inc.
D6	Diode, Schottky, 40 V, 0.2 A, SOT-323	Diodes Inc.
D10	Diode, Schottky, 100 V, 1 A, SMA	Micro Commercial
FID1, FID2,	Fiducial mark. There is nothing to buy or mount.	N/A
J1	Header, 100mil, 8x2, Gold, TH	Sullins Connector
J2	Terminal Block, 4x1, 2.54 mm, Green, TH	Phoenix Contact
L1	Inductor, Shielded Drum Core, Ferrite, 10 uH, 1 A,	Würth Elektronik
L2	Inductor, Shielded Drum Core, Powdered Iron, 15 uH,	Würth Elektronik
Q1	MOSFET, N-CH, 100 V, 4.5 A, DQK0006C (WSO-6)	Texas Instruments
R1, R3	RES, 680, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	Vishay-Dale
R2, R9,	RES, 43.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	Vishay-Dale
R5, R8,	RES, 100 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	Vishay-Dale