

Component List

Project Template

Version: 0
Revision: 0
Date: 13/03/2024



Description: Board all populated

#	Designator	Description	Value	PCB Footprint	Manufacturer	Part Number	SheetN umber	Notes
1	C3	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, ±10%, X7R, 100V	4n7	0603	MURATA	GRM188R72A472KA01	4	
2	CON1	Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Vertical, 5.75mm Height, 8 Circuits, Gold	52610-0872	MOLEX 526100871	MOLEX	52610-0872	4	
3	CON2	Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Vertical, 5.75mm Height, 8 Circuits, Gold	52610-0872	MOLEX 526100871	MOLEX	52610-0872	4	
4	CON3	CONN PLUG MALE 12POS GOLD SOLDER	M12A-12PMMP-SF8001	M12-12_Male	AMPHENOL	M12A-12PMMP-SF8001	4	
5	D1	Schottky Diode 40V, 2A	PMEG4020ETP_11	SOD-128	NXP	PMEG4020ETP_11	4	
6	D2	Transit, Bidirectional, SMA, 600W	SMA6J36CA	SMA	LittleFUSE	SMA6J36CA	4	
7	D3	TVS Diode Array from ESD Protection of 12V Data and Power Line	SDC15	SOT23	SEMTECH	SDC15.TCT	4	
8	D4	TVS Diode Array from ESD Protection of 12V Data and Power Line	SDC15	SOT23	SEMTECH	SDC15.TCT	4	
9	D5	Transit, Bidirectional, SMA, 600W	SMA6J36CA	SMA	LittleFUSE	SMA6J36CA	4	
10	D6	Transit, Bidirectional, SMA, 600W	SMA6J36CA	SMA	LittleFUSE	SMA6J36CA	4	
11	D7	Transit, Bidirectional, SMA, 600W	SMA6J36CA	SMA	LittleFUSE	SMA6J36CA	4	
12	D8	Transit, Bidirectional, SMA, 600W	SMA6J36CA	SMA	LittleFUSE	SMA6J36CA	4	
13	F1	3 A 63 V AC 63 V DC Fuse Board Mount (Cartridge Style Excluded) Surface Mount 1206 (3216 Metric)	0685T3000-01	1206	BELFUSE	0685T3000-01	4	
14	F2	PolySwitch Resettable Device, decaSMD series	decaSMD050F/60	2018	LITTELFUSE	decaSMD050F/60	4	
15	J1	Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Vertical, 5.75mm Height, 12 Circuits, Gold	52610-1272	MOLEX 526101271	MOLEX	52610-1272	4	
16	R1	Compact Thick Film Chip Resistors, RC0402, ±1%, 1/16W	22R	0402	ROHM	MCR01MRTF22R0	4	
17	R2	Compact Thick Film Chip Resistors, RC0402, ±1%, 1/16W	22R	0402	ROHM	MCR01MRTF22R0	4	
18	R5	Compact Thick Film Chip Resistors, RC0603, ±1%, 1/10W	1M00	0603	ROHM	MCR03ERTF1004	4	
19	W1	Solder Jumper, 2	Solder Jumper 2				4	
20	W2	Solder Jumper, 2	Solder Jumper 2				4	

Notes: