



Designator	Comments	Footprint	PartType	Quantity	Supplier 1
BS_IN1, BS_IN2, BS_IN3, BS_IN4, BS_REF, CM_REF_IN, SH_IN_P1, SH_IN_P2, SH_IN_P3, SH_IN_P4, SH_O1, SH_O2, SH_O3, SH_O4			Test Point	14	Digi-Key
BS_OK, EN, MODE_SEL, MUX_SEL, SKIP, VCC			Test Point	6	Digi-Key
C1, C2, C3, C4, C5, C6, C7, C8	No Placement	1206	Capacitor	8	
GND			Test Point	9	Digi-Key
J1, J2, J3, J4, J6, J7, J8, J9, J10			Jumper	9	Digi-Key
J5			6x2 Header	1	Digi-Key
LOAD1, LOAD2, LOAD3, LOAD4, VBUS1, VBUS2, VBUS3, VBUS4			Interconnect	8	Digi-Key
OUT_N, OUT_P			Test Point	2	Digi-Key
R1, R5, R13, R9	5m Ohms	2512	Resistor	1	Digi-Key
R2	1.24 Ohms	1206	Resistor	1	Digi-Key
R3	118k Ohms	1206	Resistor	1	Digi-Key
R4, R8, R12	2k Ohms	1206	Resistor	2	Digi-Key
R6, R10	12.4 Ohms	1206	Resistor	1	Digi-Key
R7, R11	57.6k Ohms	1206	Resistor	1	Digi-Key
R14	2.5 Ohms	1206	Resistor	1	Digi-Key
R15	1.3M Ohms	1206	Resistor	1	Digi-Key
R16, R22	10k Ohms	1206	Resistor	1	Digi-Key
R17, R18, R24, R19	100 Ohms	1206	Resistor	3	Digi-Key
R20, R21, R23	66.5k Ohms	1206	Resistor	3	Digi-Key
R25	100k Ohms	1206	Resistor	1	Digi-Key
U1	NCP45491		NCP45491	1	

Manufacturer 1	Manufacturer Part Number 1	Supplier Part Number 1
Keystone Electronics	5009	36-5009-ND
Keystone Electronics	5005	36-5005-ND
Keystone Electronics	5006	36-5006-ND
Harwin Inc.	M20-9990246	952-2262-ND
Amphenol FCI	67997-212HLF	609-3237-ND
Cinch Connectivity Solutions Johnson	111-2223-001	J587-ND
Keystone Electronics	5007	36-5007-ND
Panasonic Electronic Components	ERJ-M1WSF5M0U	P5.0MCT-ND
Yageo	RC1206FR-071R24L	311-1.24FRDKR-ND
Stackpole Electronics Inc.	RMCF1206FT118K	RMCF1206FT118KDKR-ND
Stackpole Electronics Inc.	RNCP1206FTD2K00	RNCP1206FTD2K00CT-ND
Stackpole Electronics Inc.	RMCF1206FT12R4	RMCF1206FT12R4CT-ND
Stackpole Electronics Inc.	RMCF1206FT57K6	RMCF1206FT57K6DKR-ND
Yageo	RC1206FR-072R49L	311-2.49FRTR-ND
Yageo	RC1206FR-071M3L	311-1.30MFRTR-ND
Yageo	RC1206FR-0710KL	311-10.0KFRTR-ND
Stackpole Electronics Inc.	RNCP1206FTD100R	RNCP1206FTD100RCT-ND
Stackpole Electronics Inc.	RMCF1206FT6K34	RMCF1206FT66K5CT-ND
Stackpole Electronics Inc.	RMCF1206FT100K	RMCF1206FT100KDKR-ND
ON Semiconductor	NCP45491	