

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Semi	Capacitor (Semiconductor SIM Model)	C1, C2, C7, C8, C9, C10, C11, C12, C13, C14, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50	CAPC2012L	Cap Semi	38
Cap Pol1	Polarized Capacitor (Radial)	C3, C4, C5, C6, C15, C16, C17, C18, C19, C20, C21, C22	B	Cap Pol1	12
LED	Typical BLUE SiC LED	D1, D2, D3, D4, D5, D6, D7, D8	RESC2012M	LED3	8
1-145154-2	Connector Assembly, 60 Dual Position, 1.27 [.050] Series, Standard Edge	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16	1-145154-2	1-145154-2	16
CLK_IN	BNC Elbow Connector	P1	BNC_RA CON	BNC	1
PMT	BNC Elbow Connector	P2	BNC_RA CON	BNC	1
TRIGGER	BNC Elbow Connector	P3	BNC_RA CON	BNC	1
AUX	BNC Elbow Connector	P4	BNC_RA CON	BNC	1
TTL_OUT_1	Header, 20-Pin, Dual row	P5	HDR2X20	Header 20X2	1
AUX_I/O	Header, 10-Pin, Dual row	P6	HDR2X10	Header 10X2	1
JP2A	2 mm connector 40 positions	P7	connector_40pos_ 2mm	CONN_40_2mm	1
JP3A	2 mm connector 40 positions	P8	connector_40pos_ 2mm	CONN_40_2mm	1
JP2B	2 mm connector 40 positions	P9	connector_40pos_ 2mm	CONN_40_2mm	1
JP3B	2 mm connector 40 positions	P10	connector_40pos_ 2mm	CONN_40_2mm	1
	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40	RESC3216L	Res3	40
Res3	Resistor	R41, R42, R43, R44, R45, R46, R47, R48	RESC2012M	Res3	8
MAX3094, Rx	Differential Line Receivers	U1, U2	NSO16_N	MAX3094	2
MAX3030, Tx	Differential Line Transmitter	U3, U4, U5, U6, U7, U8, U9, U10	NSO16_N	MAX3030	8
ZEM4310	ZEM4310 breakout module	U11	ZEM4310	ZEM4310	1
SN74LVC1T45	Logic Translator (Bidirectional)	U12, U13, U14, U15	SOT23-6	SN74LVC1T45	4