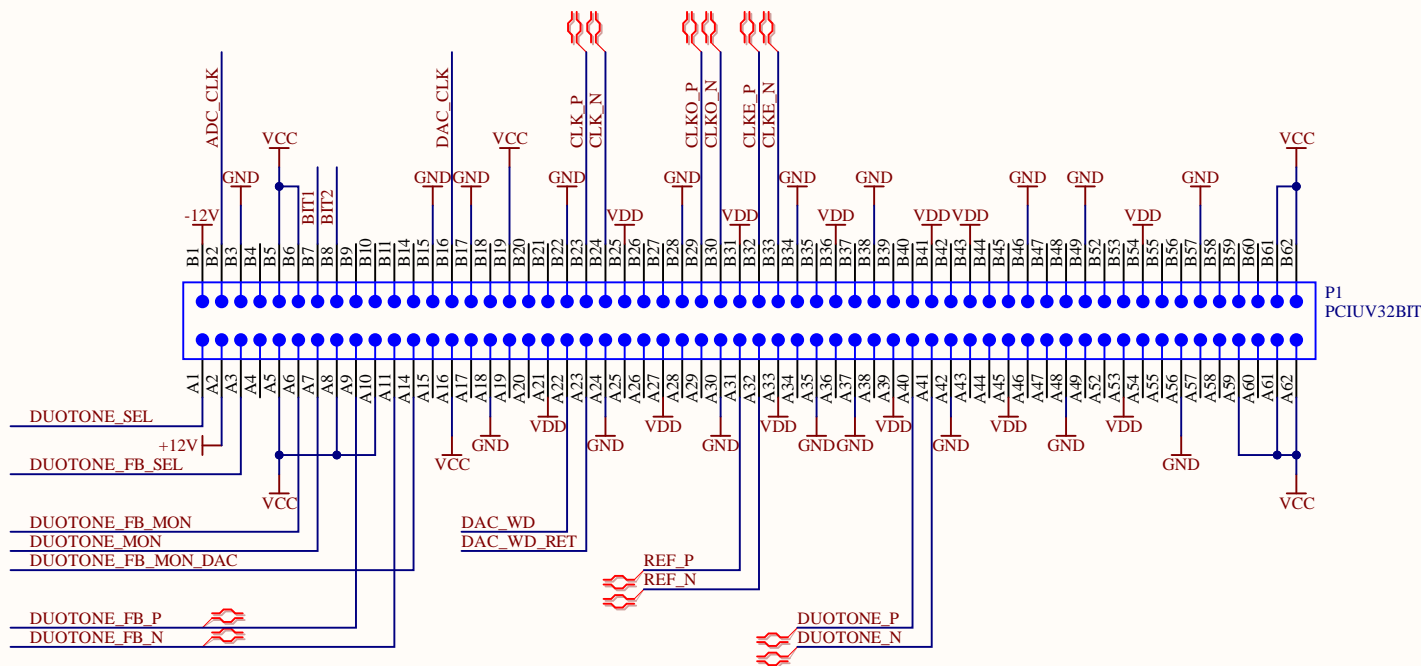
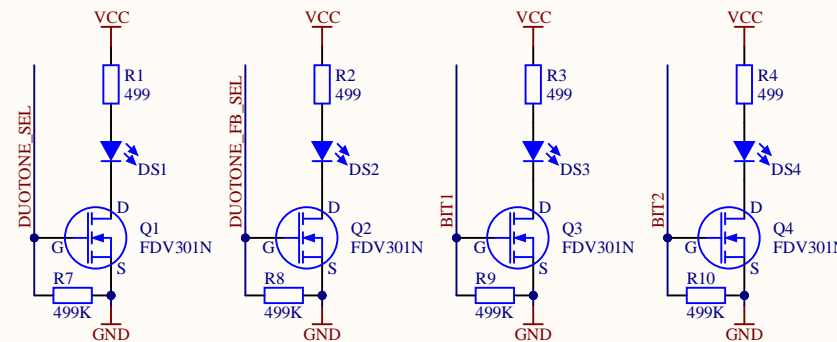
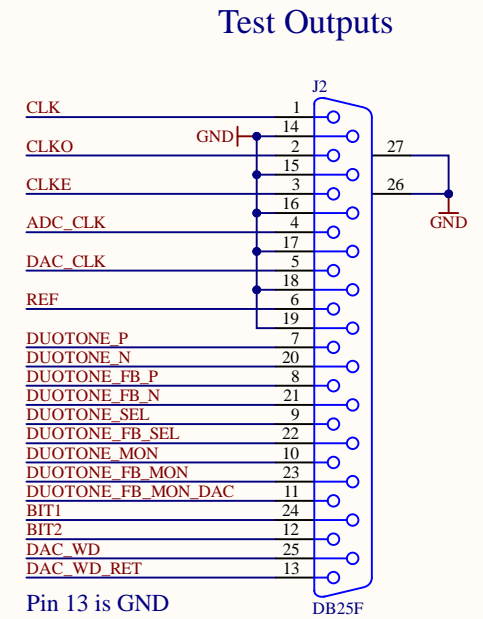
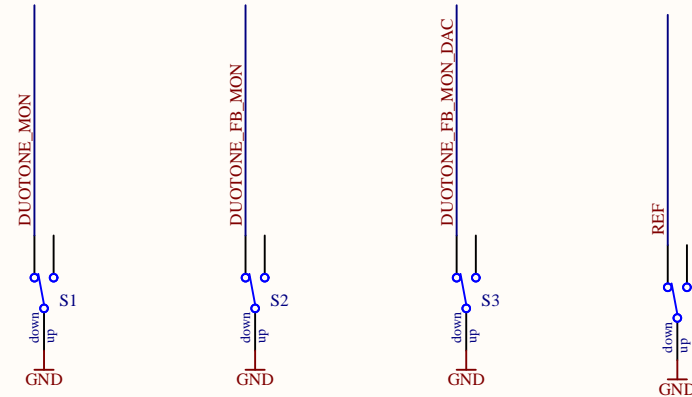
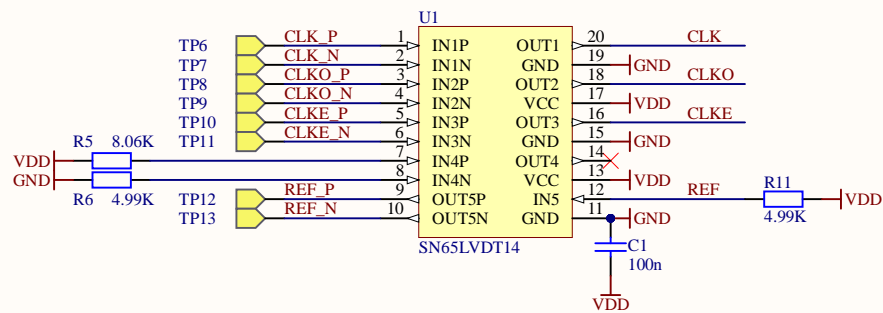
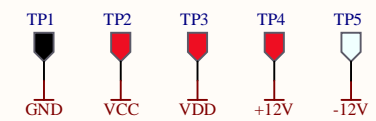


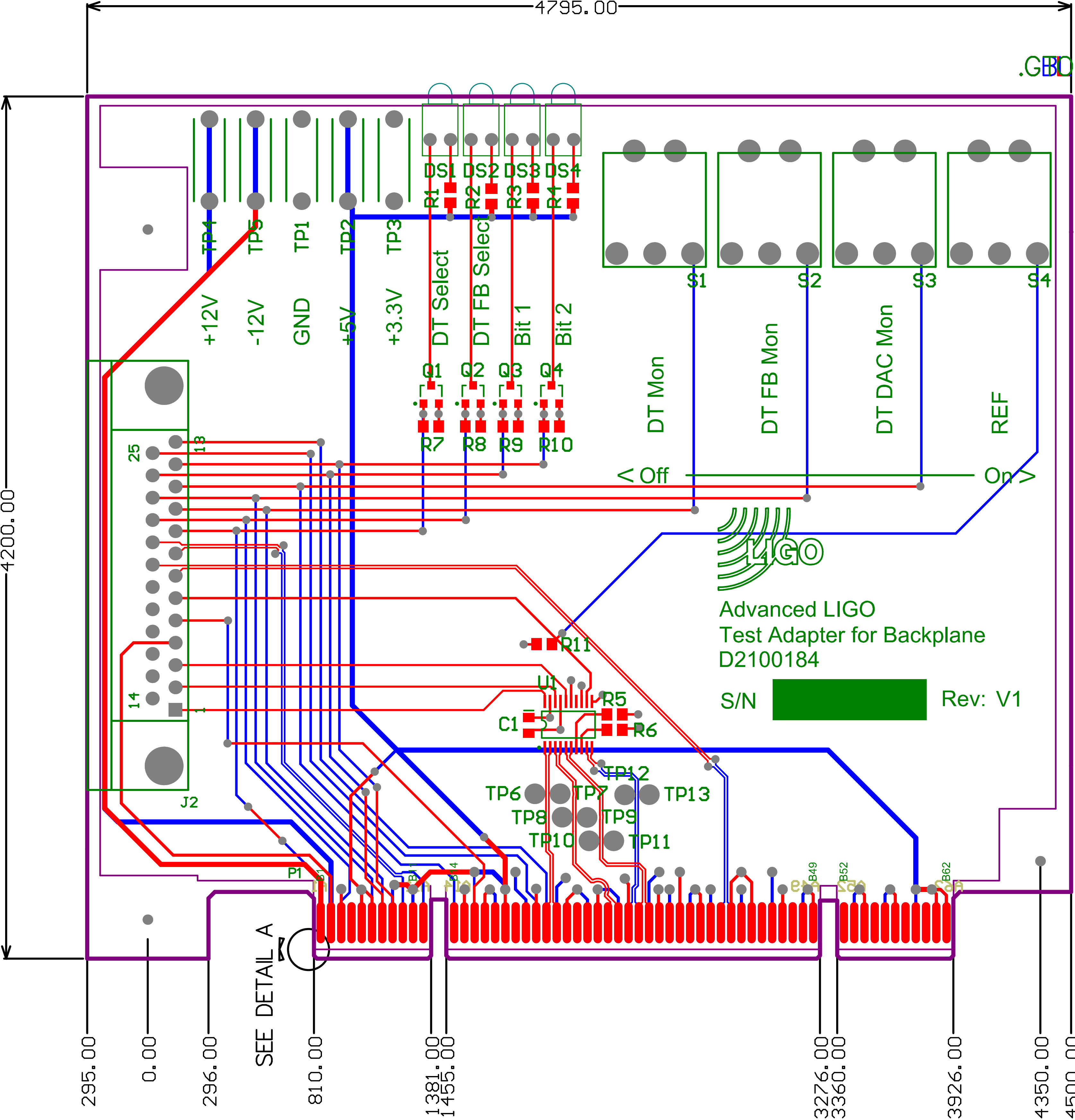
PN1
Bracket
Gompf
9334-0069LC



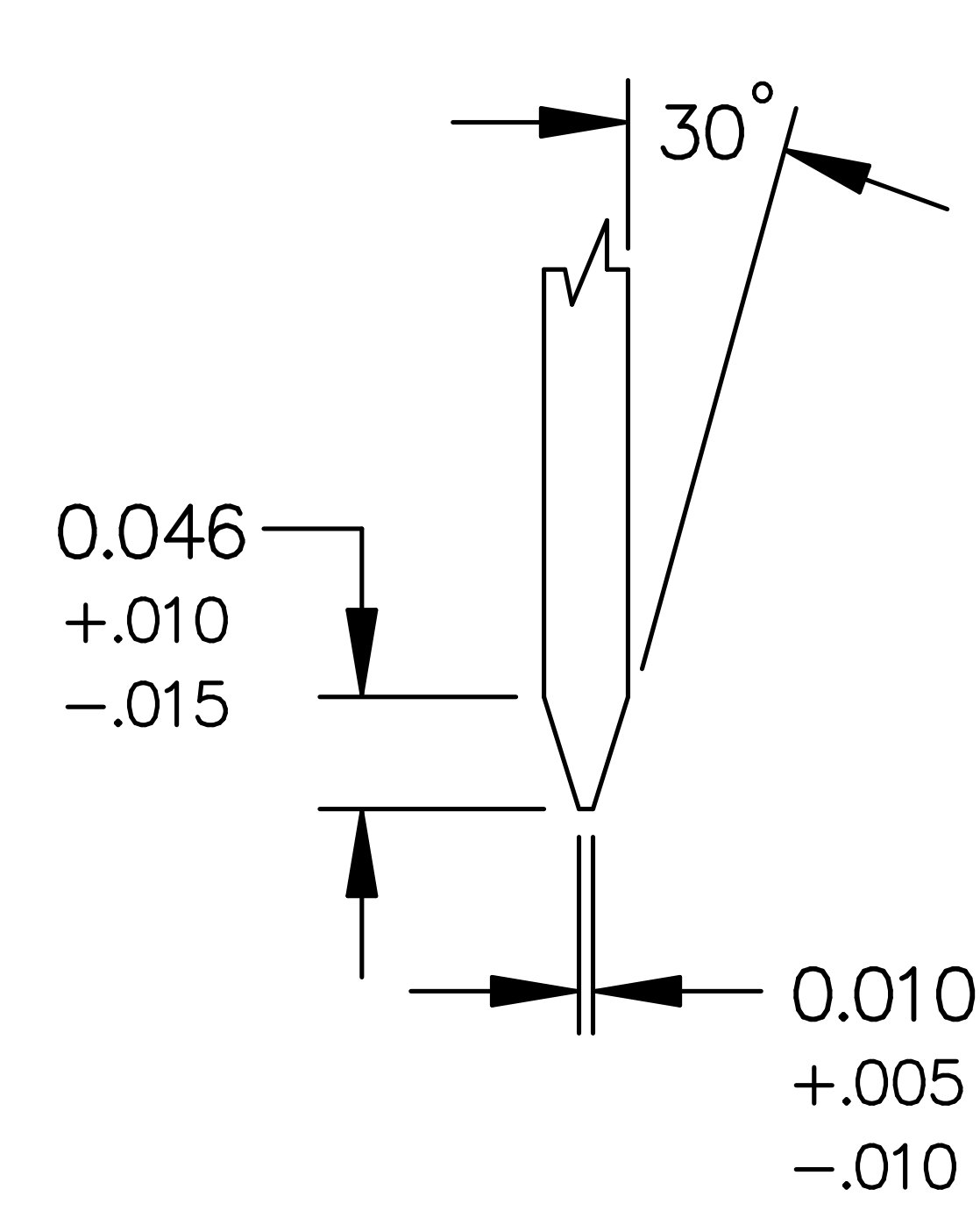
Edge Connector



Title Test Adapter Board (Backplane)		LIGO Project California Institute of Technology Massachusetts Institute of Technology			LIGO
Size: B	DCC Number: D2100184	SCH / PCB Revision: v1	Engineer: D. Sigg	Date: 4/1/2021	Time: 4:01:19 PM
File: C:\Users\Daniel\Documents\Protel\marc.pirello\Solutions\ISC - PCIe Duotone\New Backplane\Test Adapter\Test Adapter Doof 1					



DETAIL A



SEE DETAIL A

Bill of Materials

LIGO Project

D2100184

Revision v1

Project: TestAdapter.PrjPCB
Author: D. Sigg

Number of boards	25
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Report Date: 4/1/2021 4:01 PM
 Print Date: 01-Apr-21 4:01:32 PM

Quantity	Distributor	Part Number	Comment	Description	Designator	Footprint	ASSEMBLY	Extr	Exces	Adj	Quantity to Order	
1	Digi-Key	311-1140-1-ND	100n	Capacitor, surface mount	C1	CC2013-0805			5	0%	5	30
4	Digi-Key	67-1218-ND	LED	Panel mount LED	DS1, DS2, DS3, DS4	LED-1	TH	1	0%	1	101	
1	Digi-Key	A32128-ND	DB25F	Receptacle Assembly, 25 Position, Right Angle, .318 Series	J2	DB25F-RA	TH	1	0%	1	26	
1	Gompf	9334-0069LC	Bracket	Bracket	PN1		M	5	0%	5	30	
4	Digi-Key	FDV301NCT-ND	FDV301N	FDV301N, Digital FET, N-channel, SOT23	Q1, Q2, Q3, Q4	SO-G3/C2.25		0	0%	0	100	
4	Digi-Key	311-499CRCT-ND	499	Resistor, surface mount	R1, R2, R3, R4	CR2012-0805		0	0%	0	100	
1	Digi-Key	311-8.06KCRCT-ND	8.06K	Resistor, surface mount	R5	CR2012-0805		5	0%	5	30	
2	Digi-Key	311-4.99KCRCT-ND	4.99K	Resistor, surface mount	R6, R11	CR2012-0805		5	0%	5	60	
4	Digi-Key	311-499KCRCT-ND	499K	Resistor, surface mount	R7, R8, R9, R10	CR2012-0805		0	0%	0	100	
4	Digi-Key	CKN1045-ND	101	Switch, SPDT, PCB right-angle	S1, S2, S3, S4	SW-7101	TH	1	0%	1	101	
1	Digi-Key	36-6062-ND	Tip testpoint	Tip testpoint, black	TP1	TIP2-BLK	TH	1	0%	1	26	
3	Digi-Key	36-6061-ND	Tip testpoint	Tip testpoint, red	TP2, TP3, TP4	TIP2-RED	TH	1	0%	1	76	
1	Digi-Key	36-6060-ND	Tip testpoint	Tip testpoint, white	TP5	TIP2-WHT	TH	1	0%	1	26	
8	Digi-Key	5009K-ND	Testpoint	Testpoint, yellow	TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13	TP1-YLW	TH	1	0%	1	201	
1	Digi-Key	296-12736-5-ND	SN65LVD14	One LVDS driver plus four LVDS receivers	U1	TSSOP20		5	0%	5	30	
40	Total pieces											

Summary per Board	
Total # of unique parts	15
SMT Placements per board	17
Thru-Hole placement per board	22
Fine pitch placement per board	0
BGA placement per board	0
Mechanical placement per board	1