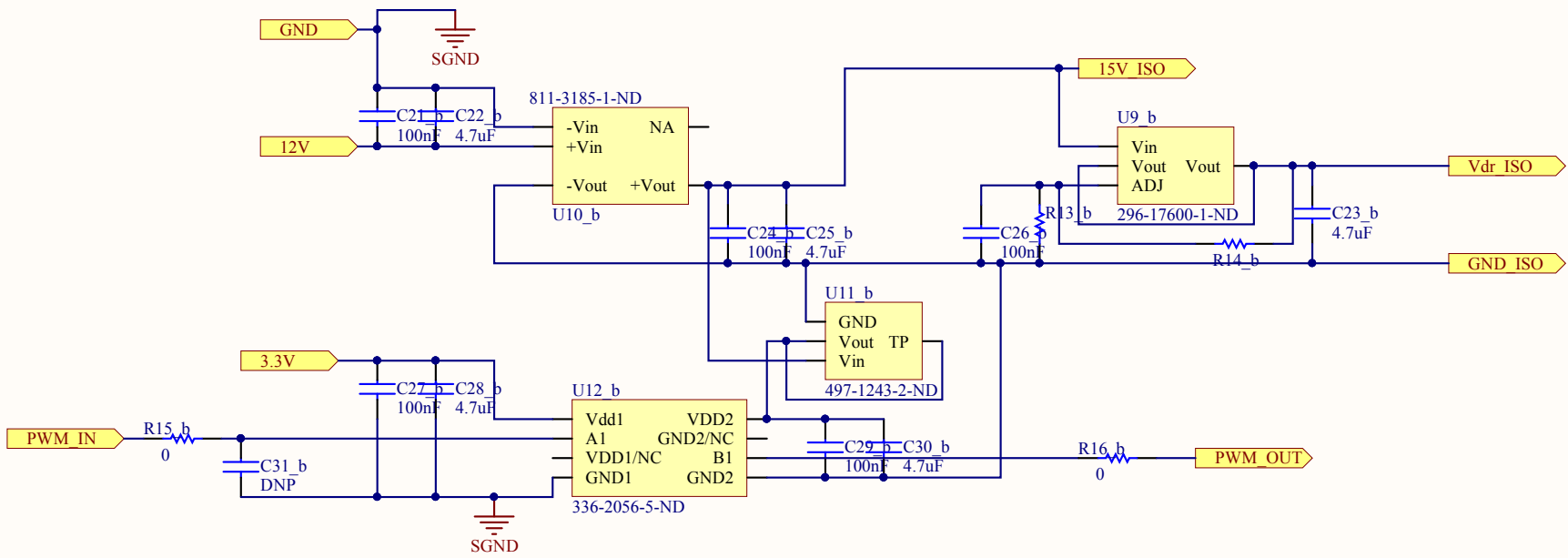
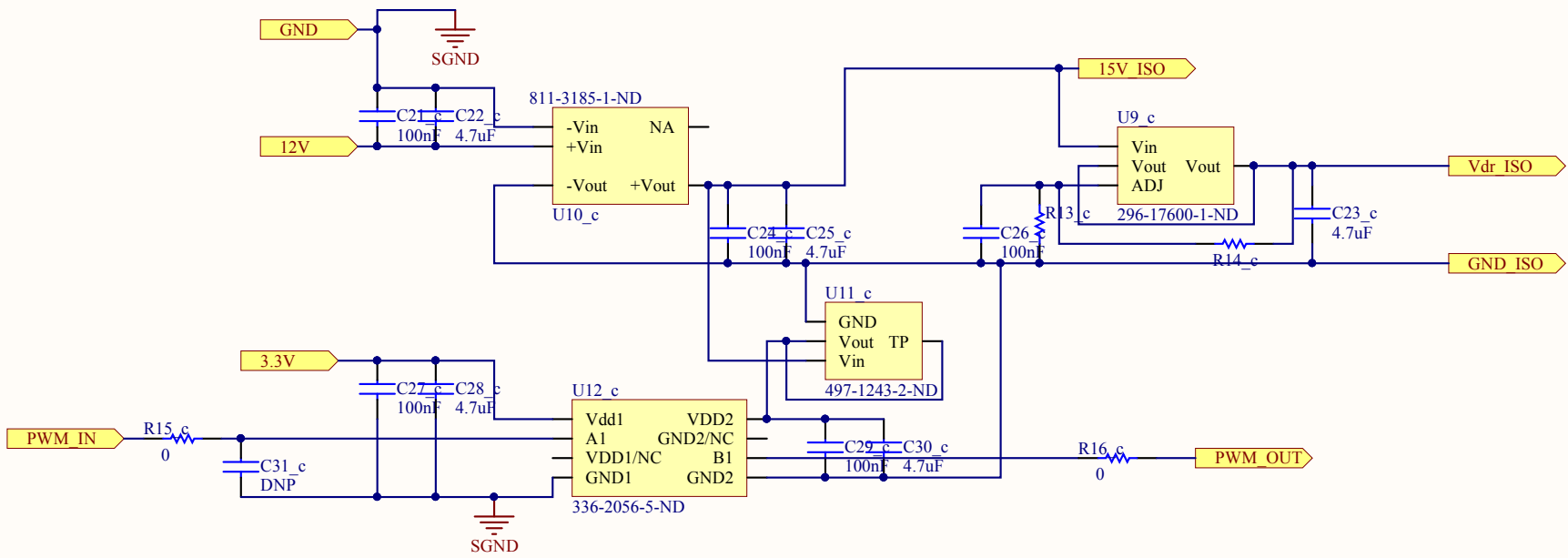


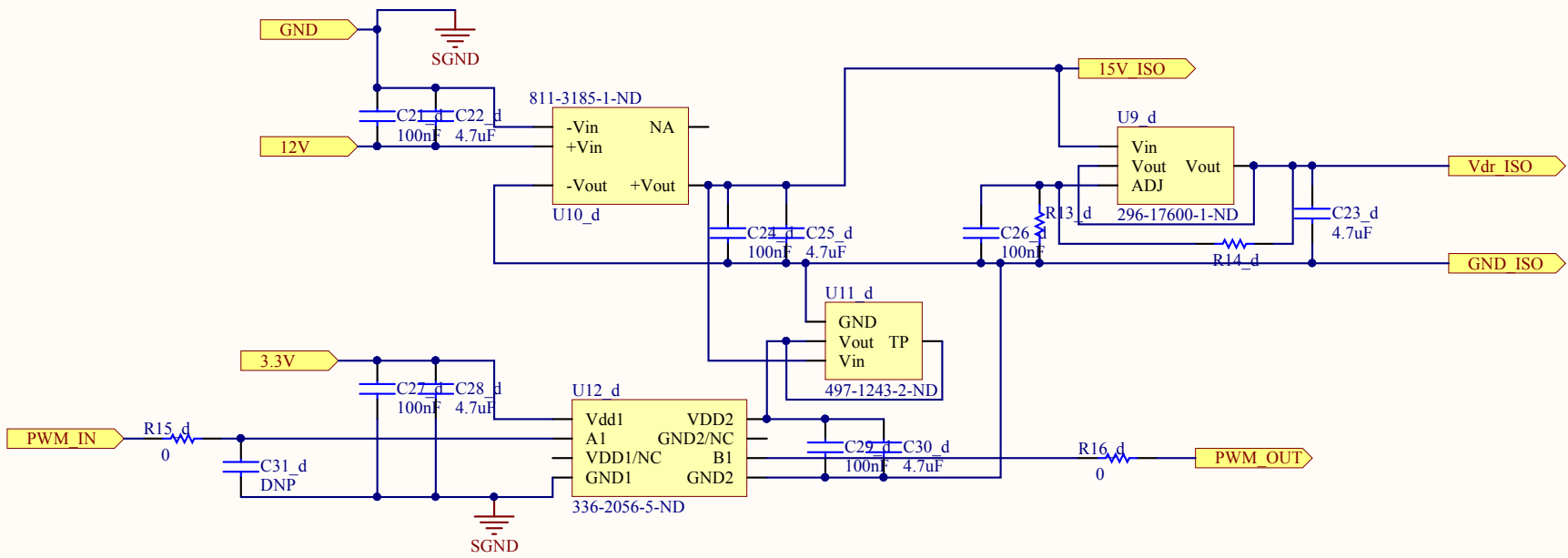
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Size	Number	Revision
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Date:	11/14/2016	Sheet of
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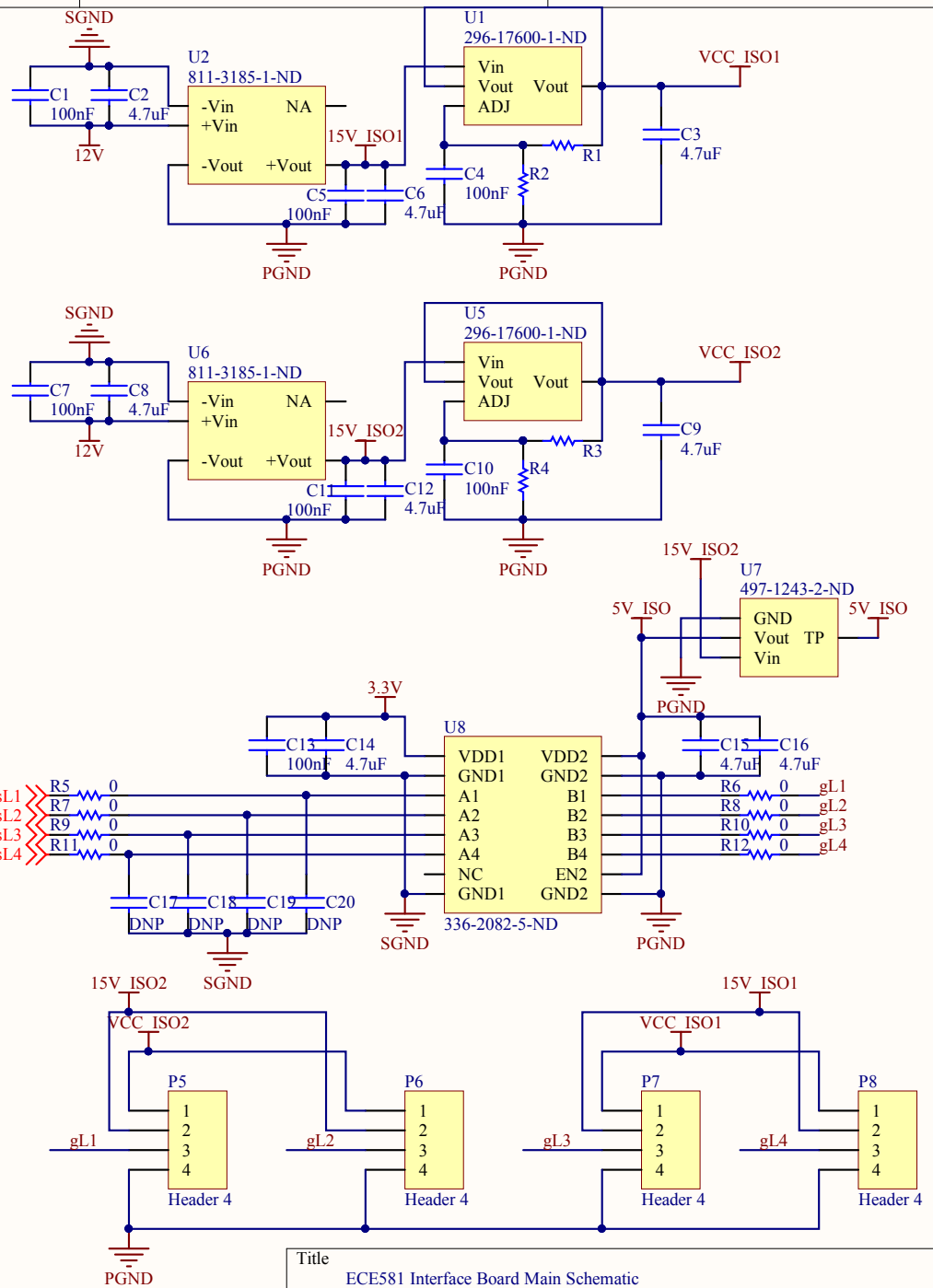
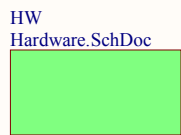
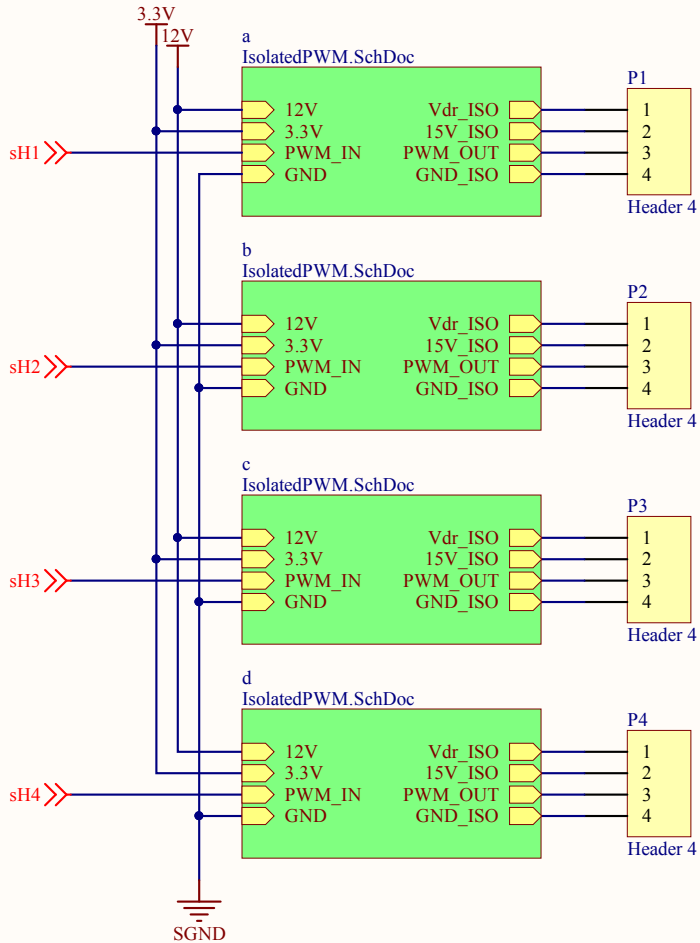
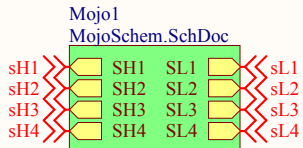
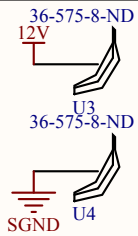
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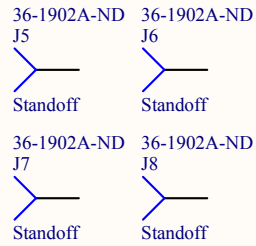
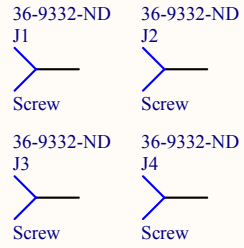
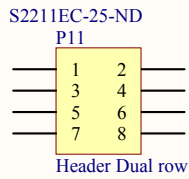
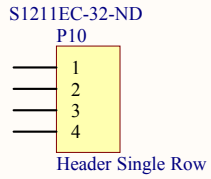
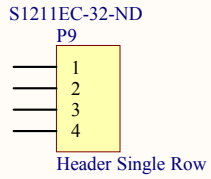
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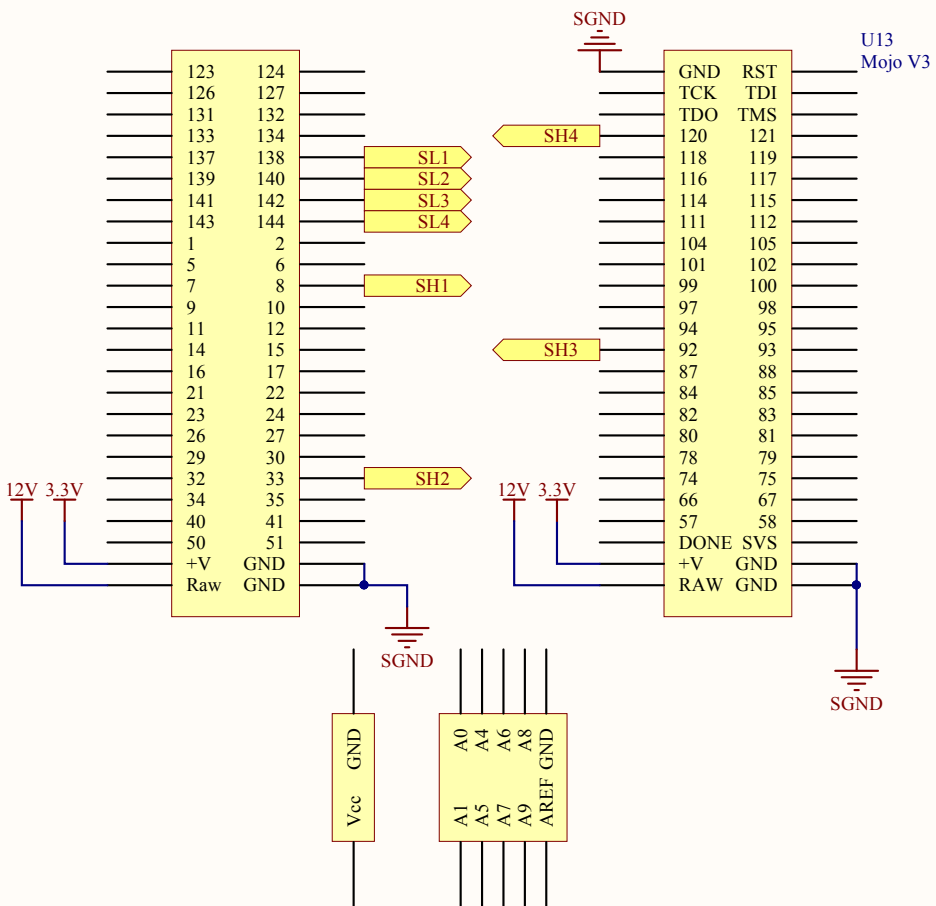
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Title		
ECE581 Interface Board Main Schematic		
Size	Number	Revision
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Date:	11/14/2016	Sheet of
File:	H:\PCBs\...\581DriverSchem.SchDoc	Drawn By:



Title Miscellaneous Hardware		
Size A	Number	Revision
Date: 11/14/2016	Sheet of	
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Title		
Mojo v3 Connections		
Size	Number	Revision
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Date:	11/14/2016	Sheet of
File:	H:\PCBs\...\MojoSchem.SchDoc	Drawn By:

Bill of Materials

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Source Data From: 581DriverBoard.PrjPcb
 Project: 581DriverBoard.PrjPcb
 Variant: None

Creation Date: 11/14/2016 11:02:03 AM
 Print Date: 14-Nov-16 11:02:12 AM
 Production Quantity: 1
 Currency: <none>

Footprint	Comment	LibRef	Designator	Description	Quantity	#Column Name	#Column Name Error:Su	#Column Name Error:	#Column Name Error:	#Column Name Error:M	#Column Name Error:Manufacturer	Part Num
0603	100nF	CAP	C1, C4, C5, C7, C10, C11, C13, C21_a, C21_b, C21_c, C21_d, C24_a, C24_b, C24_c, C24_d, C26_a, C26_b, C26_c, C26_d, C27_a, C27_b, C27_c, C27_d, C29_a, C29_b, C29_c, C29_d	0805	27							
0603	4.7uF	CAP	C2, C3, C6, C8, C9, C12, C14, C15, C16, C22_a, C22_b, C22_c, C22_d, C23_a, C23_b, C23_c, C23_d, C25_a, C25_b, C25_c, C25_d, C28_a, C28_b, C28_c, C28_d, C30_a, C30_b, C30_c, C30_d	0805	29							
0603	DNP	CAP	C17, C18, C19, C20, C31_a, C31_b, C31_c, C31_d	0805	8							
HDR1X4	Screw Standoff	Socket	J1, J2, J3, J4	Socket	4							
	Header 4	Socket	J5, J6, J7, J8	Socket	4							
	Header Single Row	Header 4	P1, P2, P3, P4, P5, P6, P7, P8	Header, 4-Pin	8							
	Header Dual row	Header 4	P9, P10	Header Single Row	2							
		Header Dual row	Header 4X2	P11	Header Dual row	1						
0603	Res Semi	Res Semi	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13_a, R13_b, R13_c, R13_d, R14_a, R14_b, R14_c, R14_d, R15_a, R15_b, R15_c, R15_d, R16_a, R16_b, R16_c, R16_d	Semiconductor Resistor	28							
TLV1117	TLV1117	TLV1117	U1, U5, U9_a, U9_b, U9_c, U9_d	Adj Linear Regulator	6							
NXE2	NXE2	NXE2	U2, U6, U10_a, U10_b, U10_c, U10_d	Isolated 2W Single Output SM DC/DC Converters	6							
Banana Jack	Banana Jack	Banana Jack	U3, U4	575-8	2							
LD1117S50CTR	LD1117S50CTR	LD1117S50CTR	U7, U11_a, U11_b, U11_c, U11_d	5V Linear Regulator	5							
Si864x	Si864x	Si864x	U8	4-input digital isolator NBSOIC	1							
Si861x/2x	Si861x/2x	Si861x/2x	U12_a, U12_b, U12_c, U12_d	NBSOIC Digital Isolator	4							
Mojo V3	Mojo V3	Mojo V3	U13	FPGA + uP Dev Board	1							
					136							
Approved												
Notes												

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