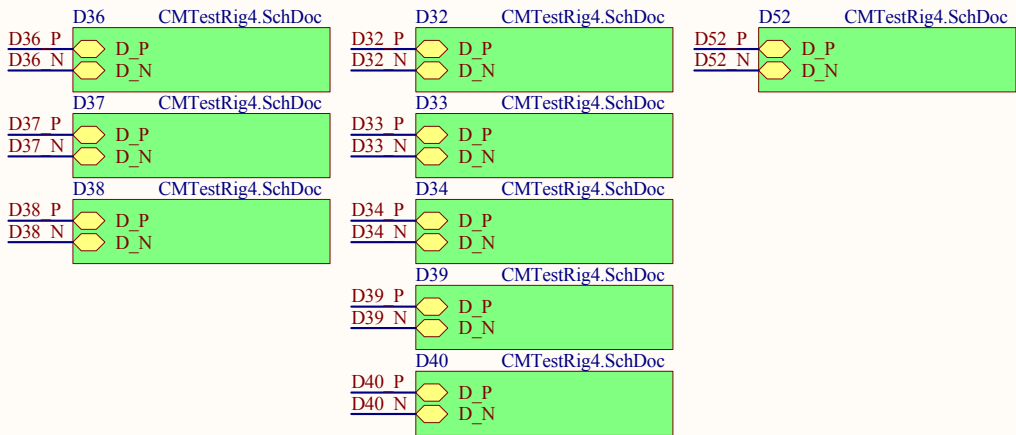
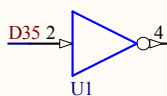
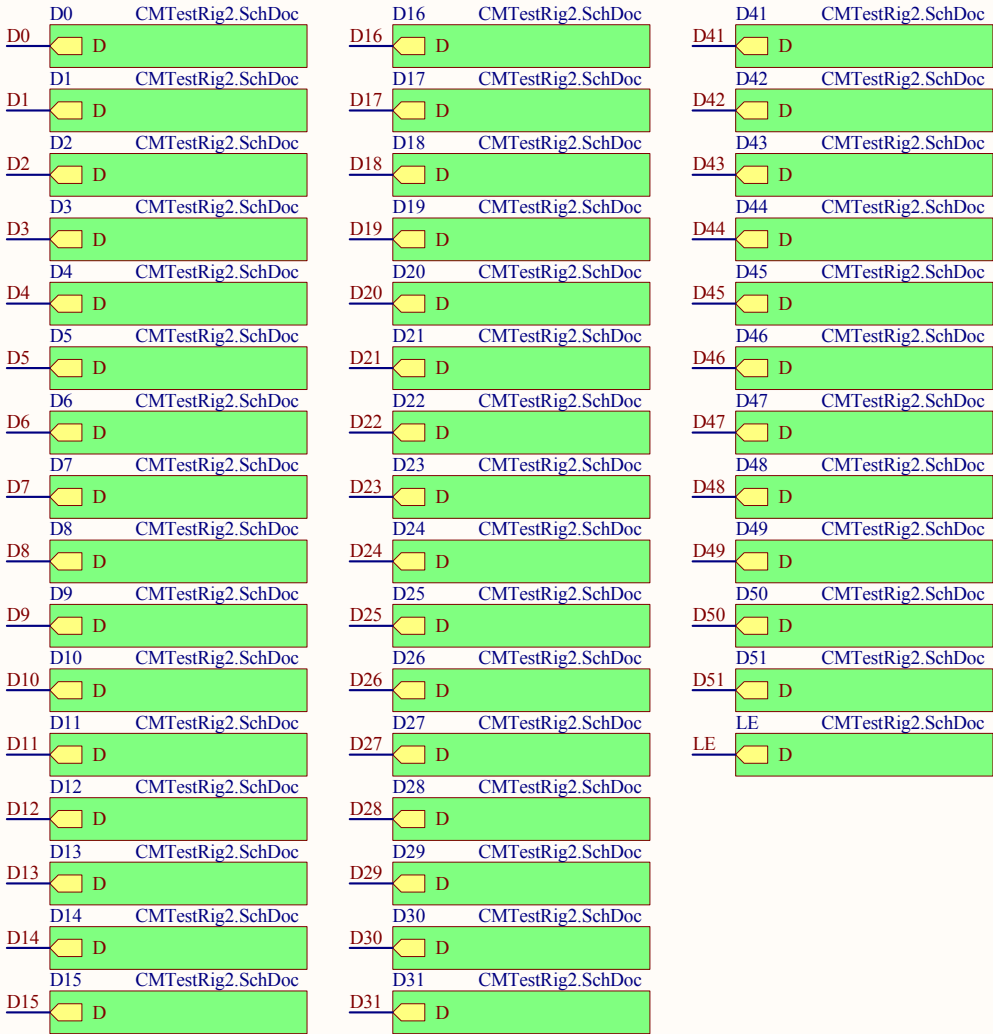


H1	Handle, 3"	E1	BNC lock washer	E10	BNC nut	PN2	Front Panel
H2	Handle, 3"	E2	BNC lock washer	E11	BNC nut		LIGO
							D1003365-v1
Mouser		E3	BNC lock washer	E12	BNC nut	PN3	Rear Panel
534-9109		E4	BNC lock washer	E13	BNC nut		LIGO
H3	Ferrule	E5	BNC lock washer	E14	BNC nut		D1003366-v1
H4	Ferrule	E6	BNC lock washer	E15	BNC nut	PN4	DB37 cable
H5	Ferrule	E7	BNC lock washer	E16	BNC nut		Newark
H6	Ferrule	E8	BNC lock washer	E17	BNC nut	PN5	IDC header
Mouser		E9	BNC lock washer	E18	BNC nut	PN6	IDC header
534-9121							Newark
M1	#6-32 3/8" flat					PN7	Jack screw
M2	#6-32 3/8" flat	Newark		Newark		PN8	Jack screw
M3	#6-32 3/8" flat	78M7215		78M7214			Newark
M4	#6-32 3/8" flat	PN9	Banana jack	PN10	Banana jack		80K5431
McMaster-Carr		Newark		Newark			M11
91099A215		39F1574		39F1575			M12
H7	Standoff F-M						M13
H8	Standoff M-F	H13	Standoff F-F	M5	M4-8mm, flat		M14
H9	Standoff M-F	H14	Standoff F-F	M6	M4-8mm, flat		M15
H10	Standoff M-F	H15	Standoff F-F	M7	M4-8mm, flat		M16
H11	Standoff M-F	H16	Standoff F-F	M8	M4-8mm, flat		
H12	Standoff M-F	H17	Standoff F-F	M9	M4-8mm, flat		
		H18	Standoff F-F	M10	M4-8mm, flat		
Newark							McMaster-Carr
56K3066		Newark					91420A218
		56K3039					



Digital Inputs:

D[5.. 0]: Gain slider input 1

D[11.. 6]: Gain slider input 2

D[12] : Input 1 enable

D[13] : Input 2 enable

D[14] : Output 1 switch

D[16..15]: Number of boost stages

D[17] : Common path compensation enable

D[18] : Common path excitation enable

D[19] : Common path option enable

D[20] : Polarity slow path

D[21] : Common filter enable

D[22] : Fast path enable

D[23] : Fast path polarity

D[24] : Slow path option enable

D[25] : Slow path bypass enable

D[26] : Slow output offset +5V fixed

D[27] : Slow output offset enable

D[28] : Slow path compensation enable

D[29] : Slow path boost enable

D[30] : Slow path filter enable

D[31] : Fast path limiter enable

D[46..41]: Gain slider fast path

D[47] : Split path excitation enable

D[48] : Fast path option enable

D[49] : Excitation into slow path

D[50] : Polarity input 1

D[51] : Polarity input 2

LE : Latch enable

Digital Outputs:

D[35] : Fast path limits reached

OK : Voltages are within range

Analog Inputs:

D[36] : Common path offset adjust

D[37] : Slow path offset adjust

D[38] : Slow path output offset

Analog Outputs:

D[32] : Input monitor

D[33] : Monitor at split

D[34] : Fast monitor

D[39] : Slow path feedback monitor

D[40] : Slow monitor

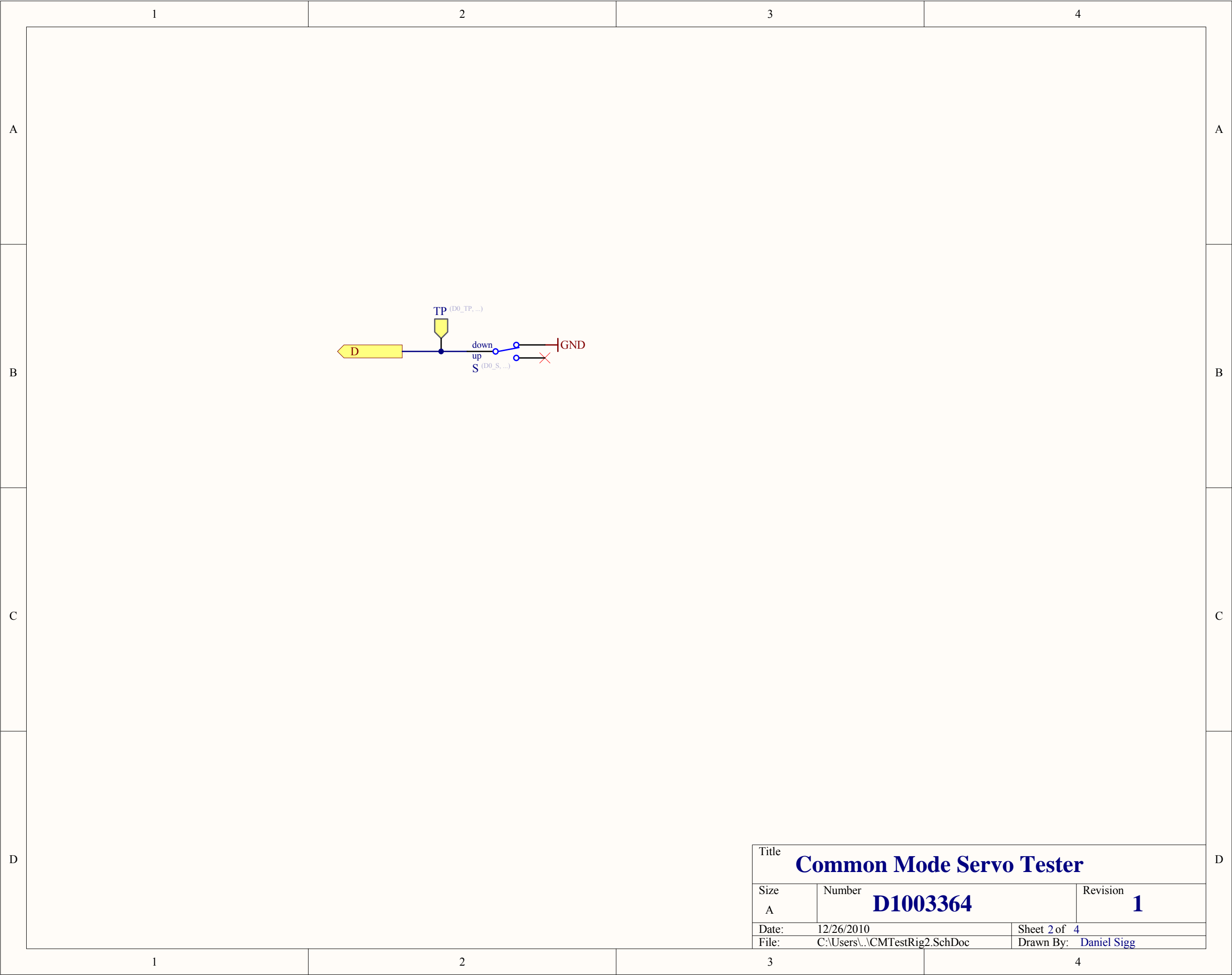
Spares:

D[52] : Not used

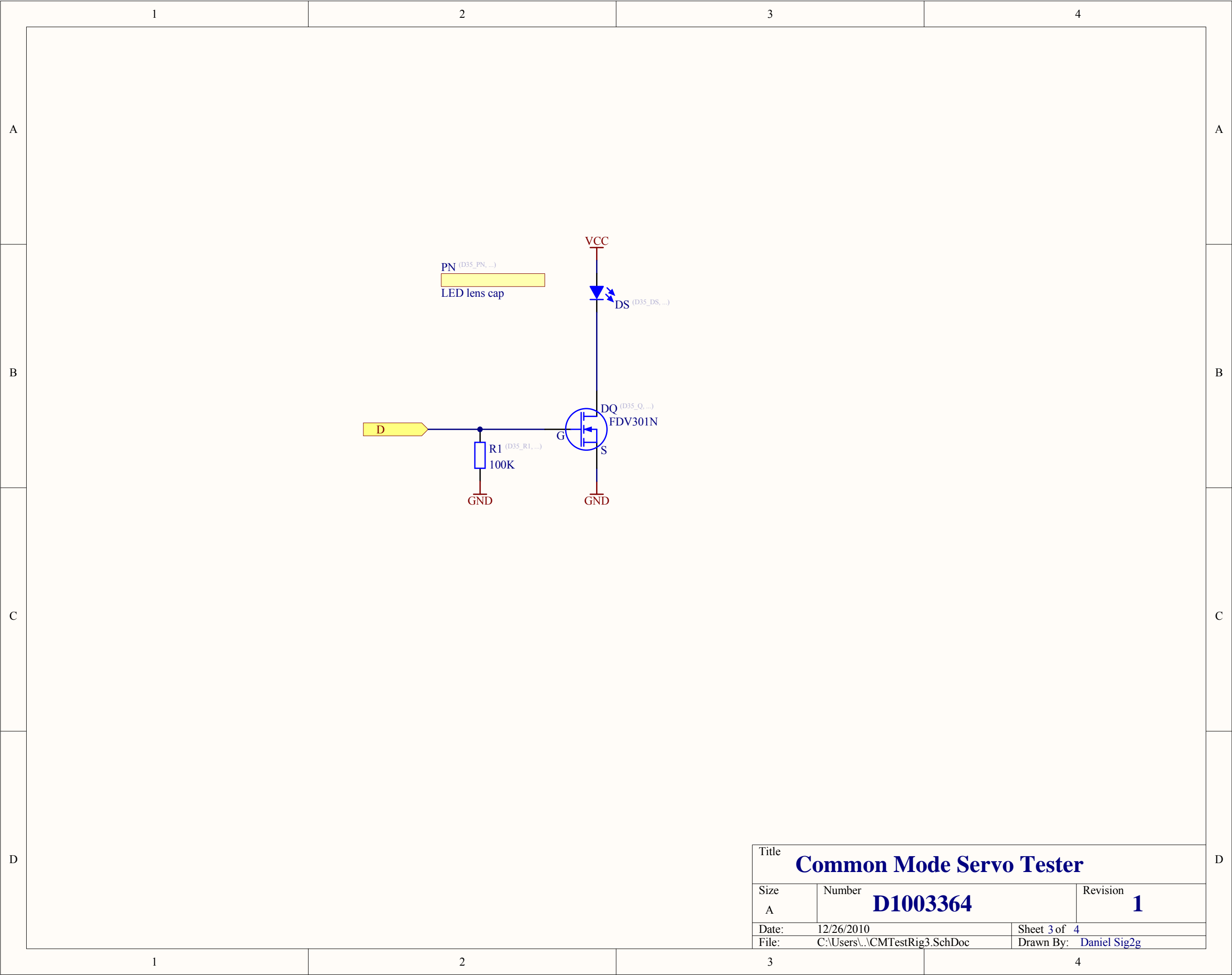
Common Mode Servo Tester

Size B Number **D1003364** Revision **1**

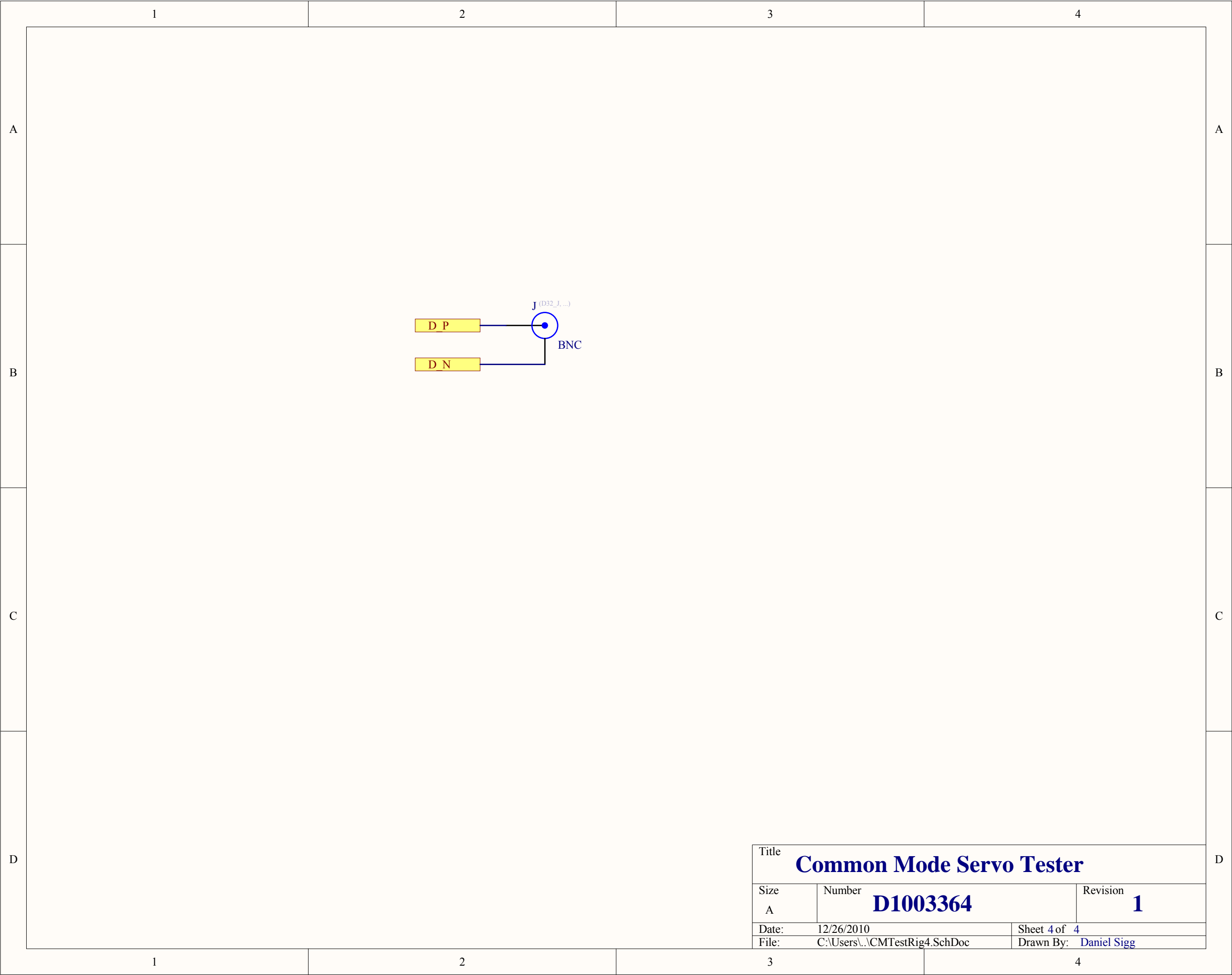
Date: 12/26/2010 Sheet 1 of 4
File: C:\Users\...\CMTestRig1.SchDoc Drawn By: Daniel Sigg



Title			Common Mode Servo Tester	
Size	Number	Revision		
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Date:	12/26/2010	Sheet 2 of	4	
File:	C:\Users\...\CMTestRig2.SchDoc	Drawn By:	Daniel Sigg	



Title			Common Mode Servo Tester	
Size	Number		Revision	
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Title				Common Mode Servo Tester			
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Date:		12/26/2010			Sheet 4 of 4		
File:		C:\Users\...\CMTestRig4.SchDoc			Drawn By: Daniel Sigg		