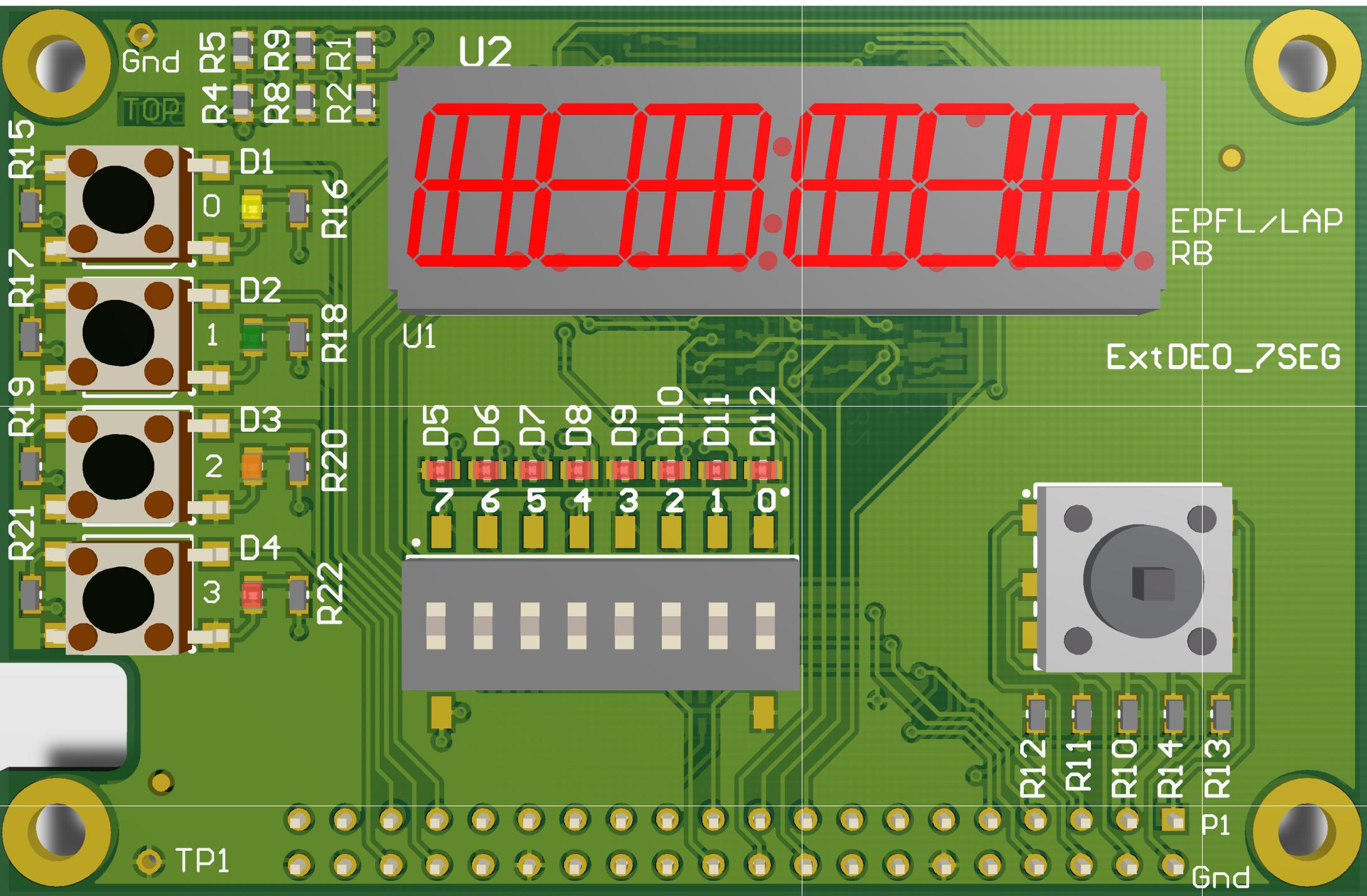
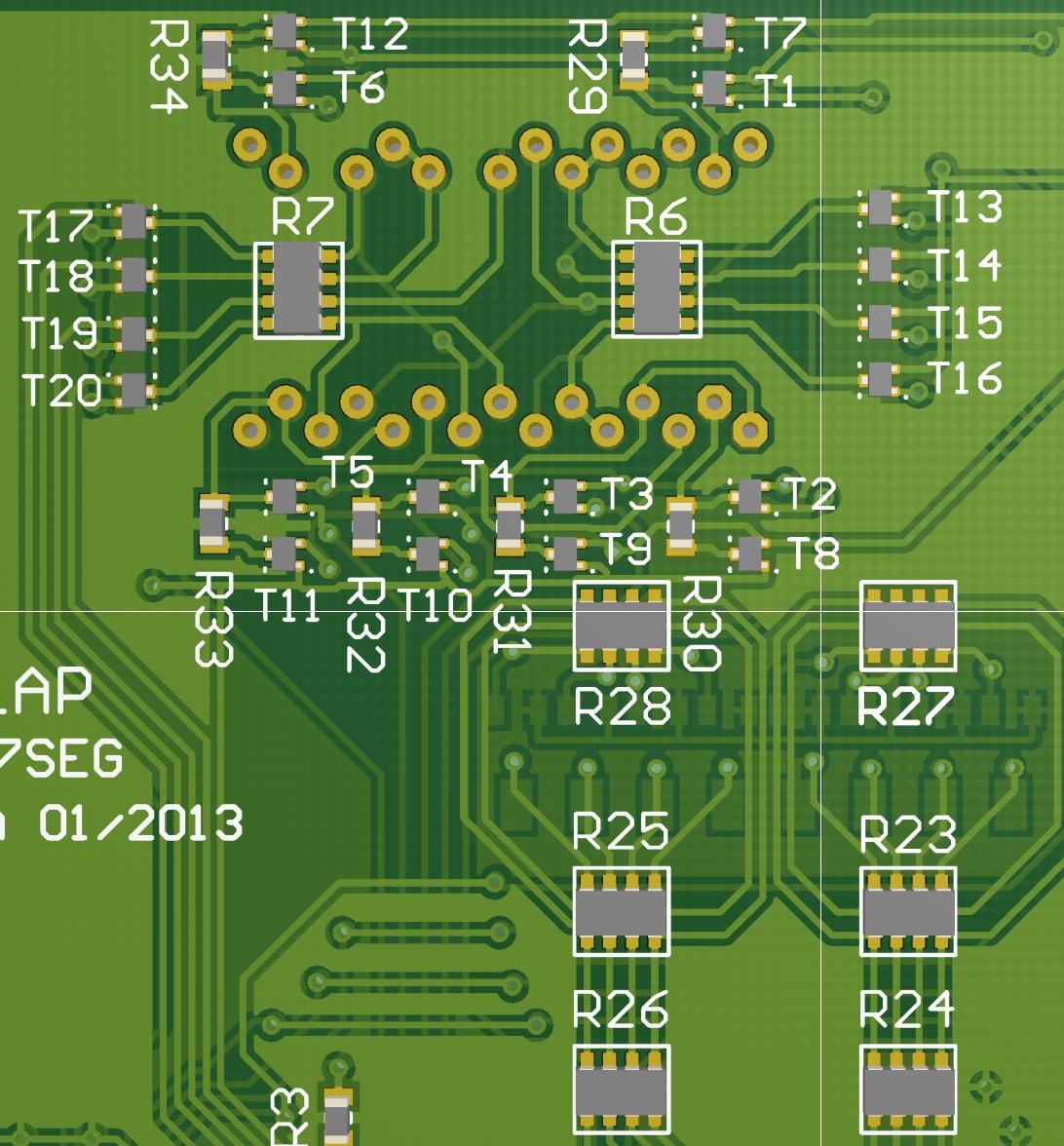


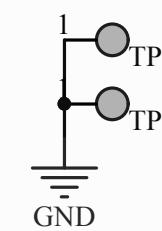
Comment	Description	Designator	Footprint	LibRef	Quantity
LED_Y		D1	D_0603_LED_Y	LED_Y	1
LED_G		D2	D_0603_LED_G	LED_G	1
LED_O		D3	D_0603_LED_O	LED_O	1
LED_R		D4, D5, D6, D7, D8, D9, D10, D11, D12	D_0603_LED_R	LED_R	9
Header 20X2	Header, 20-Pin, Dual row	P1	Header 40p 2x20 hole F, fem Draw	Header 20X2	1
0	Resistor	R1, R2, R4, R5, R8, R9	R_0603-thin	Res2	6
1K	Resistor	R3	R_0603-thin	Res2	1
56	ResNet x4	R6, R7	RESNETX4_0603_3216M	Rx4_0603_3216M	2
4.7k	Resistor	R10, R11, R12, R13, R14, R15, R17, R19, R21	R_0603	Res2	9
1k	Resistor	R16, R20, R22	R_0603	Res2	3
560	Resistor	R18	R_0603	Res2	1
1k	ResNet x4	R23, R25	ResNetx4_0603_3216M	Rx4_0603_3216M	2
330	ResNet x4	R24, R26, R27, R28	ResNetx4_0603_3216M	Rx4_0603_3216M	4
100	Resistor	R29, R30, R31, R32, R33, R34	R_0603-thin	Res2	6
SKQUDBE010	SKQUDBE010-ALPS	S1	SKQUDBE010	Joystick_5P	1
PushButton1_4p	[NoValue], [NoValue], [NoValue], PushButton	S2, S3, S4, S5	FSM4JSMA	PushButton1_4p	4
Switch8p_On_Tri_On		S6	SOP254P990X265-16N	Switch8p_On_Tri_On	1
pMOS		T1, T2, T3, T4, T5, T6	SSSMINI3-F2-B	pMOS	6
nMOS		T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20	SSSMINI3-F2-B	nMOS	14
TP		TP1, TP2	TP_0.75mm	TP	2
7SEG_6Digit_KEM-3061-ASR		U1	7SEG_6DIGI_7.68MM	7SEG_6Digit_KEM-3061-ASR	1
7SEG_4Digit_LTC4627JR	7SEG 4DIGI Anode Com	U2	7SEG_4DIGI_10MM_LTC	7SEG_4Digit_LTC4627JR	1



EPFL/LAP
ExtDE0_7SEG
RB RevA 01/2013

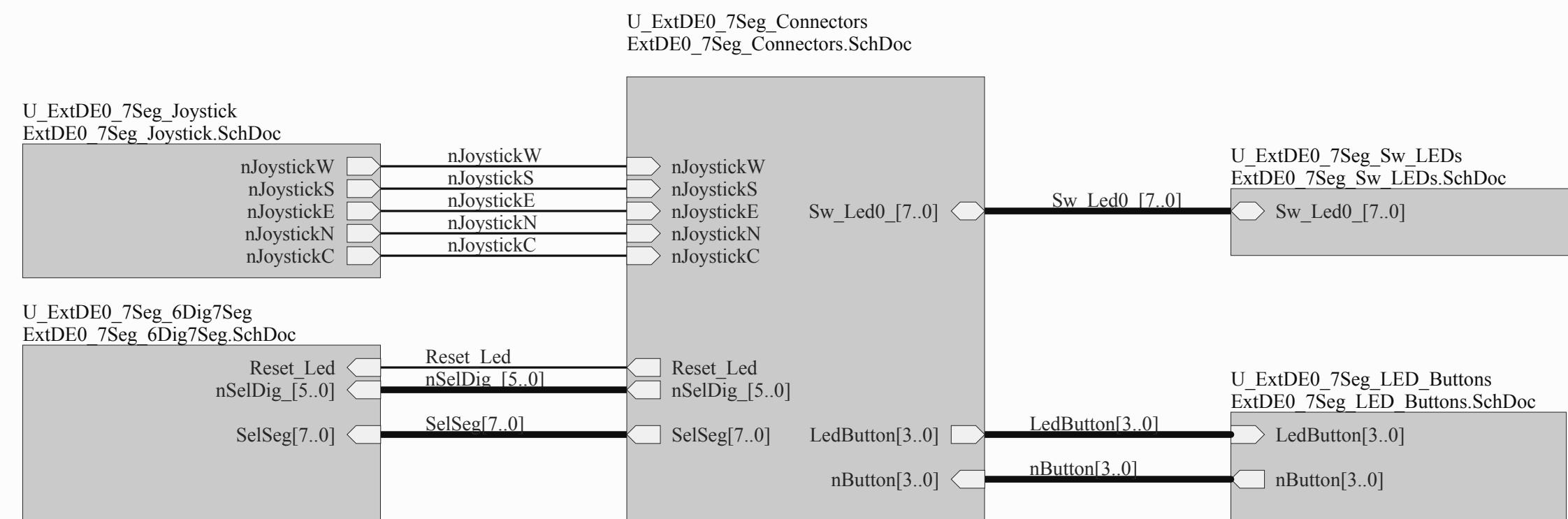


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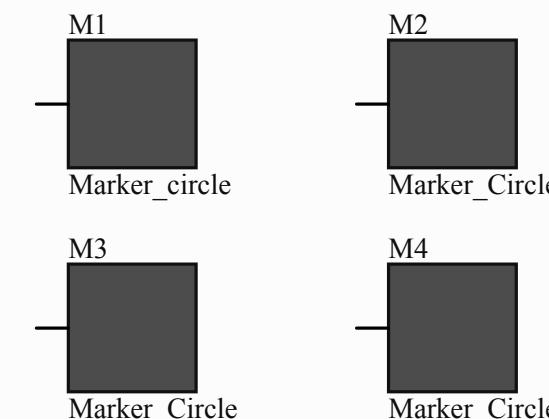
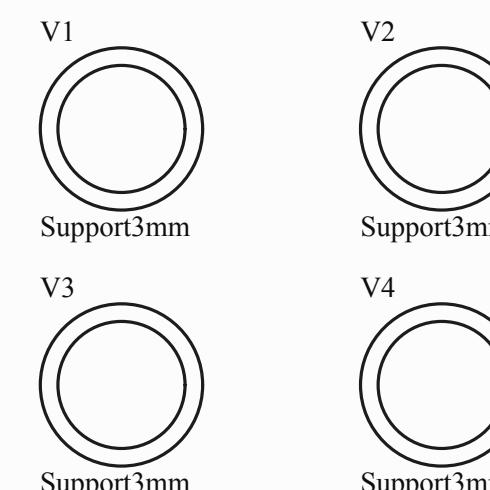


A

B



C



D

Title Extension DE0 7Seg, LED, Switches & others			EPFL/LAP R.Beuchat
Size: A4	Number:*	Revision:A	*
Date: 16.01.2013	Time: 18:51:21	Sheet 1 of 6	*
File: C:\Beuchat local\Dropbox\Developpements\DE0Ext 7Seg\Altium ExtDE0 7Seg\ExtDE0 7Seg_top.SchDoc			lap (EPFL)

A

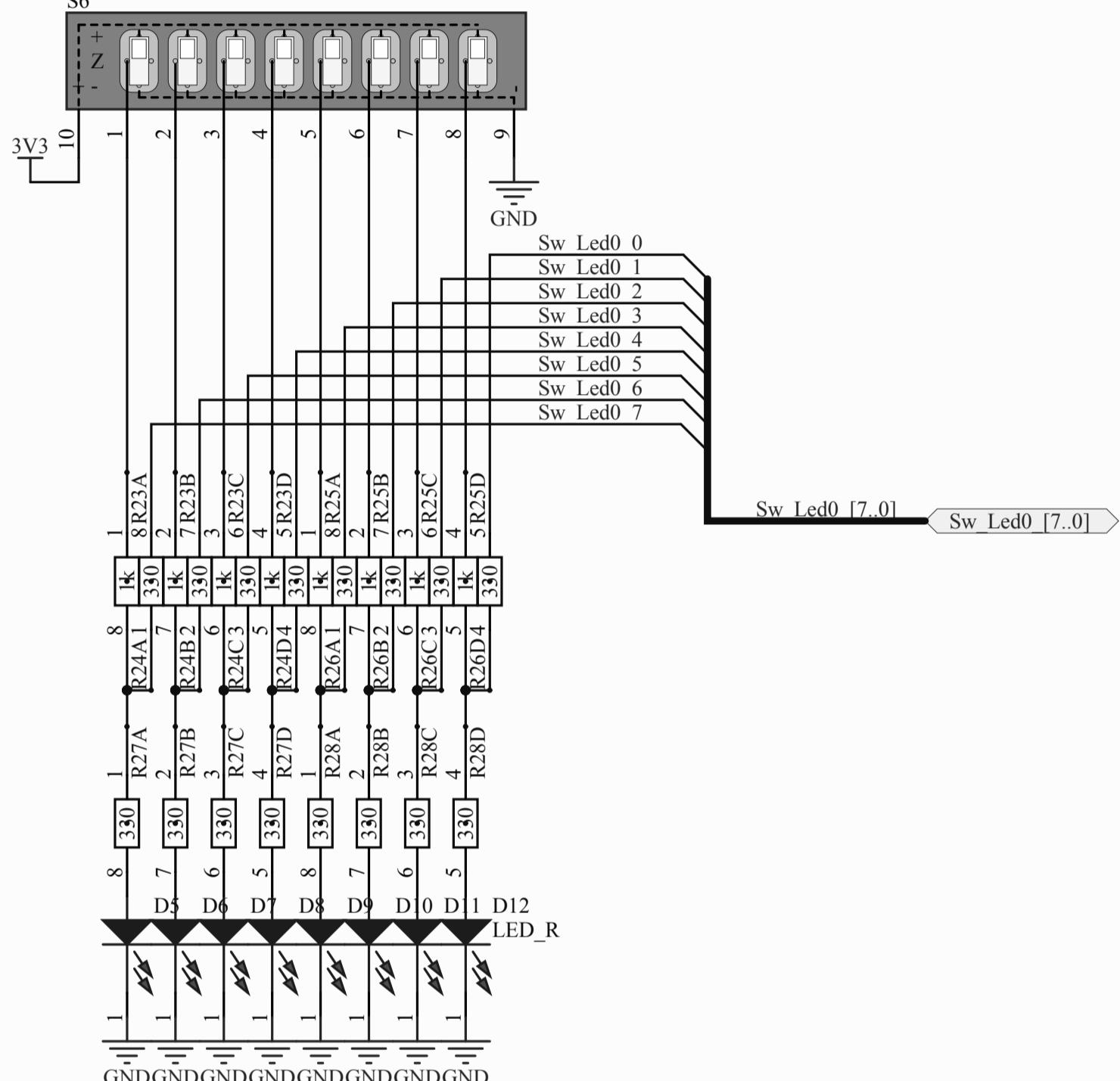
B

C

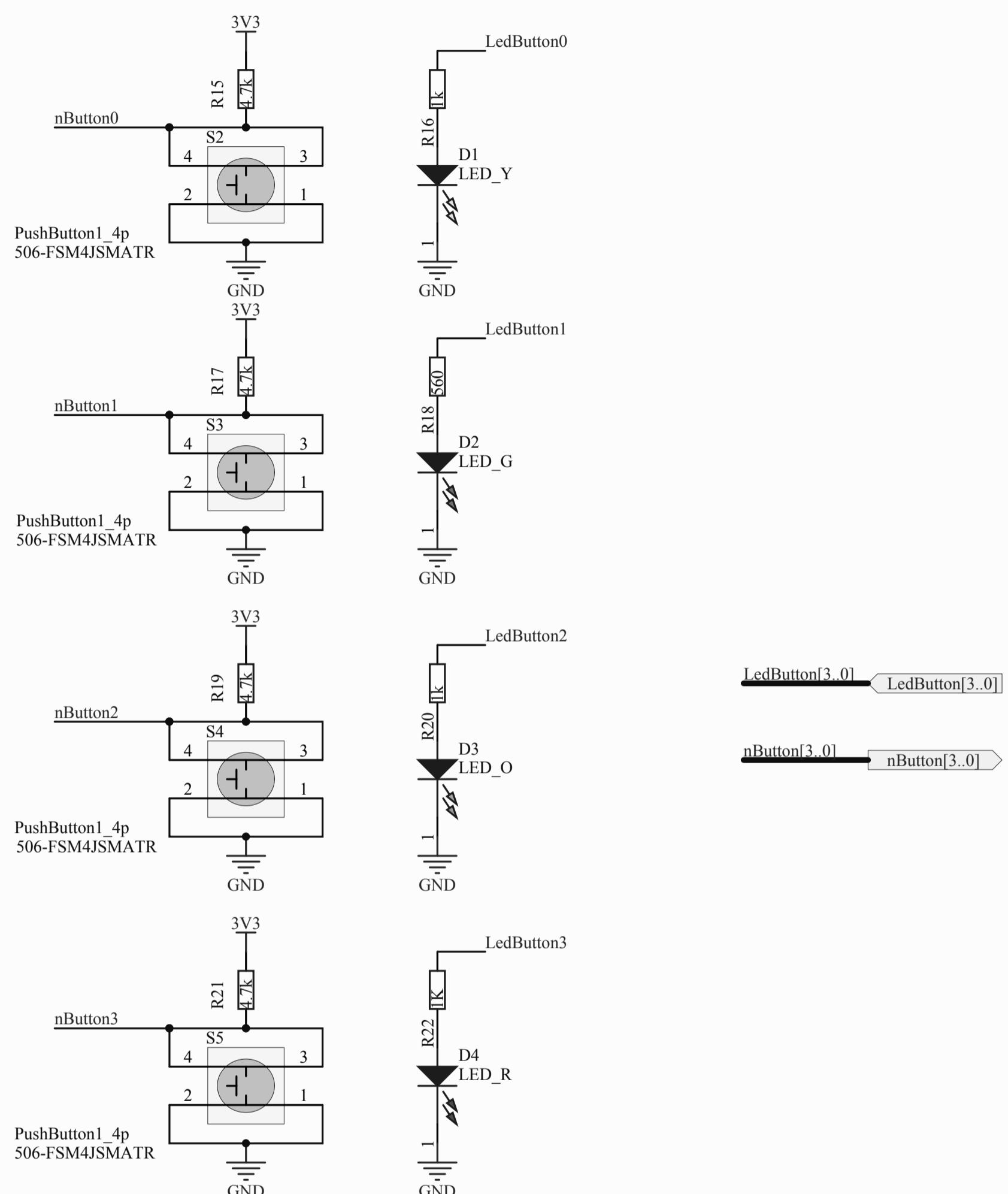
D

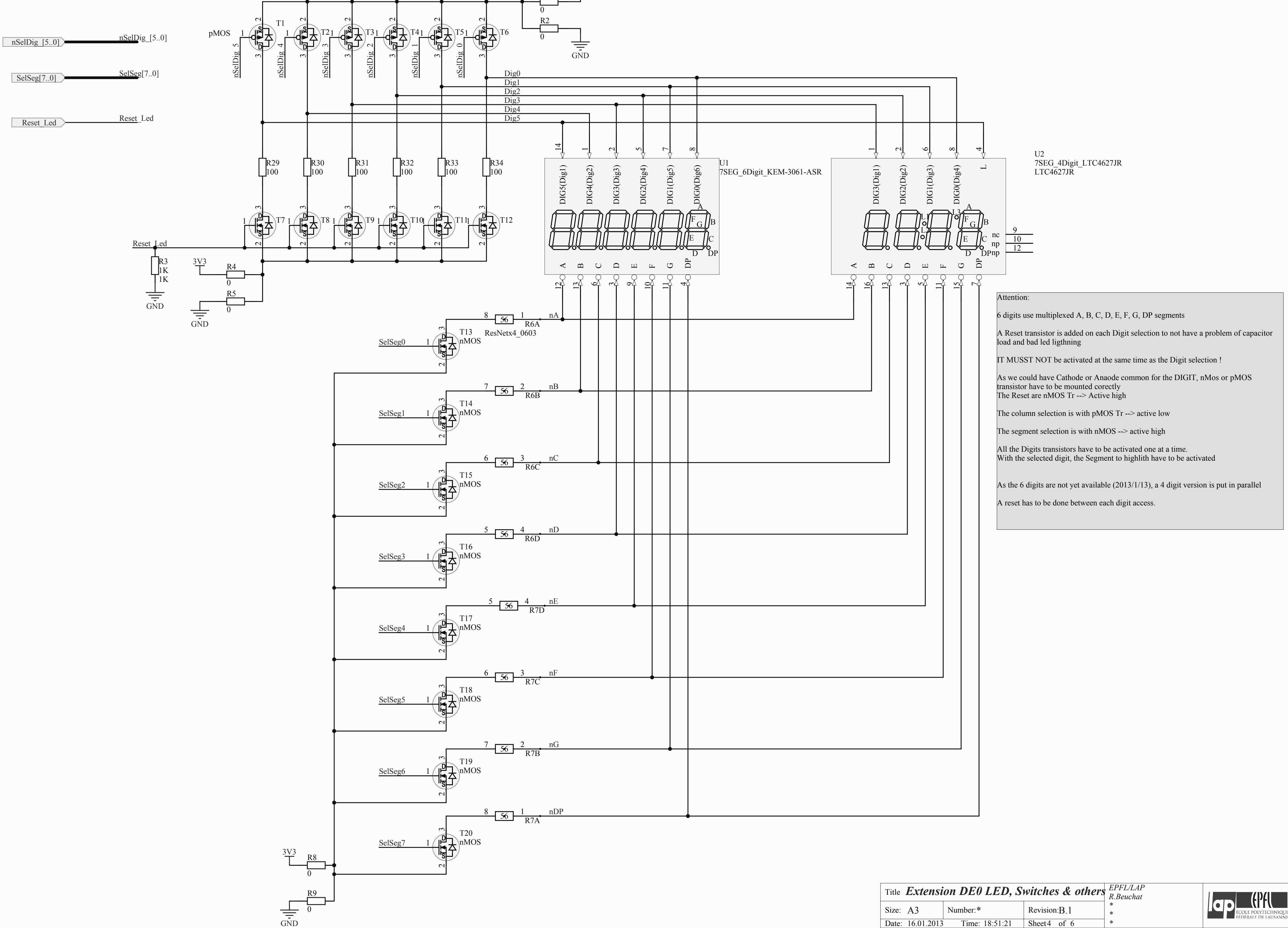
Switch8p_On_Tri_On
320/TIM-08V

Sibalco
S6



A



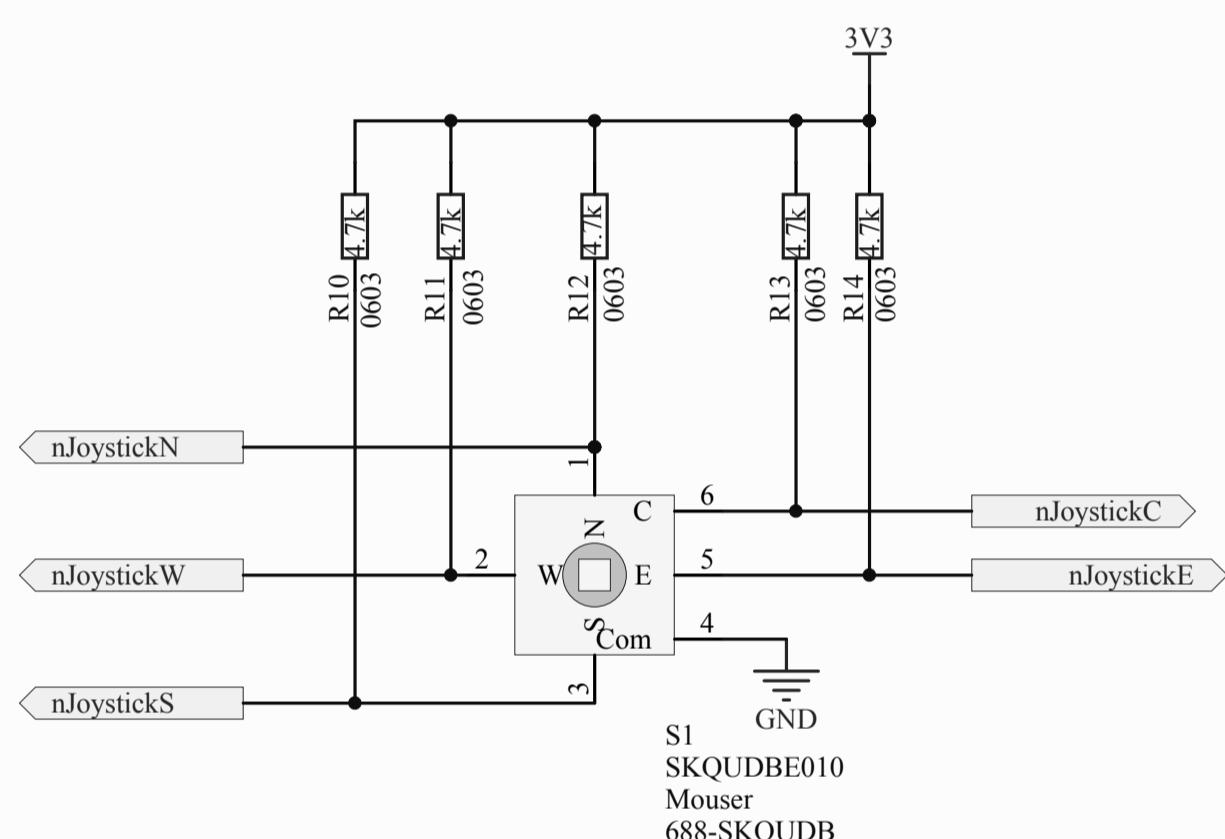


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D

Correction of joystick pinning, RB 2012/08/28
 R 4.7k
 Correction Joystick PinName EW --> WE, RB
 2012/9/25

Title Extension DE0 LED, Switches & others			LAP/EPFL R.Beuchat
Size: A4	Number:*	Revision:B	
Date: 16.01.2013	Time: 18:51:21	Sheet 5 of 6	Joystick
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A

A

B

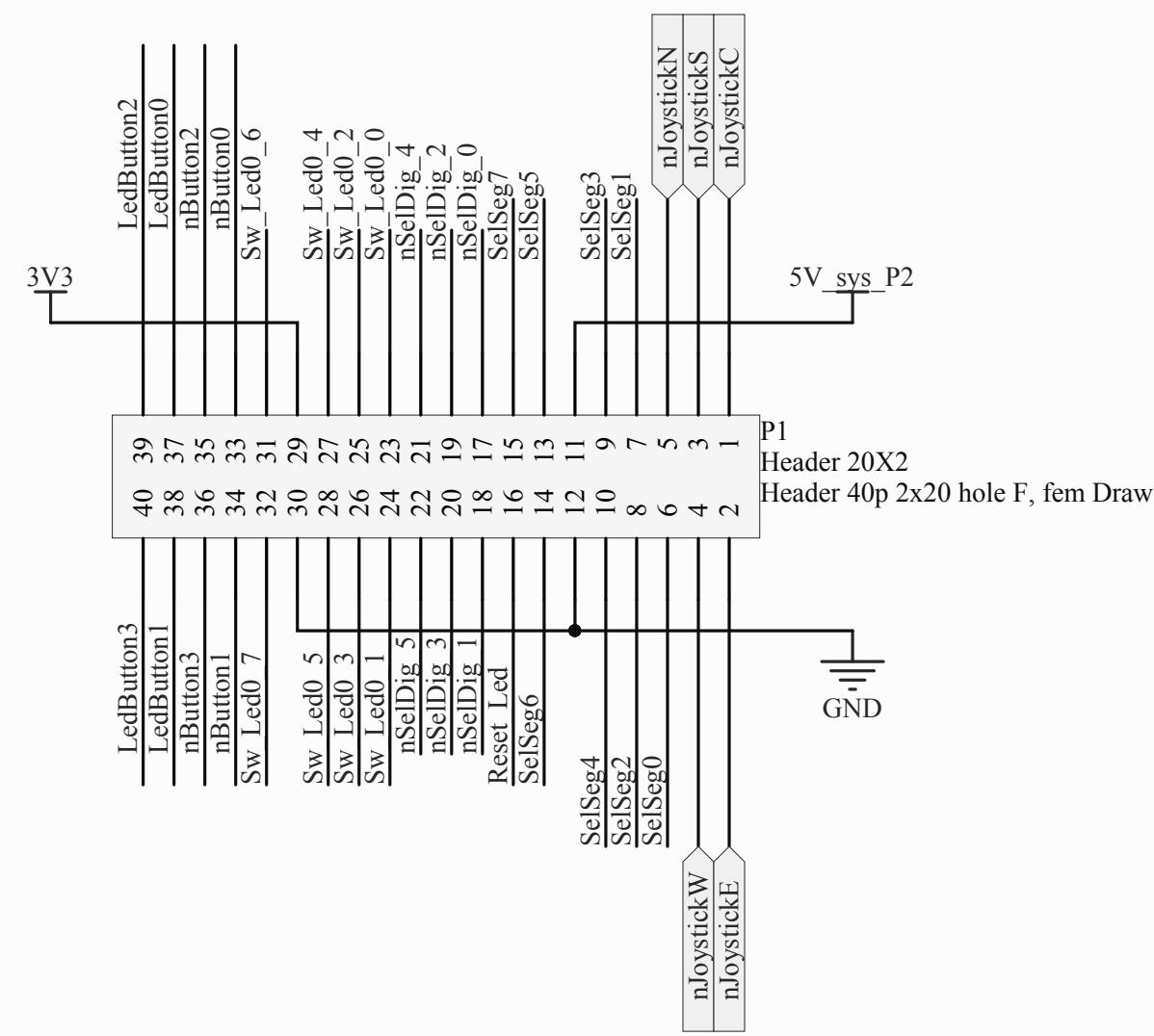
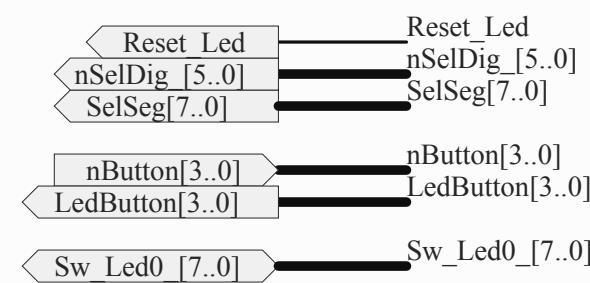
B

C

C

D

D



Title Extension DE0 7Seg, Switches & others		
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Date: 16.01.2013	Time: 18:51:21	Sheet6 of 6
File: C:\Beuchat local\Dropbox\Developpements\DE0Ext 7Seg Altium ExtDE0 7Seg\ExtDE0 7Seg Connectors.SchDoc		
EPFL/LAP R.Beuchat	*	Altium™
*	*	
*	*	