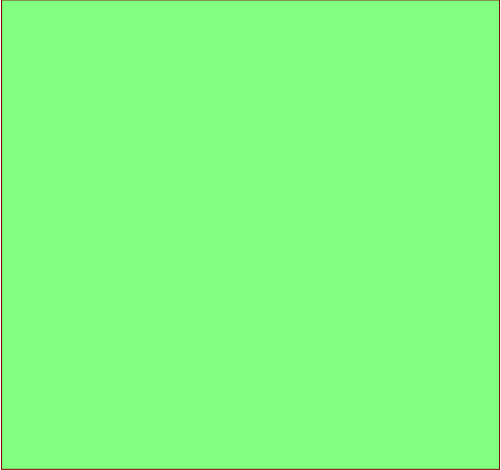


U_XPRO_Extension_Connector
OLED_Xplained_PRO_Connector.SchDoc



E1

RUBBER FEET
SJ-5076

E2

RUBBER FEET
SJ-5076

E3

RUBBER FEET
SJ-5076

E4

RUBBER FEET
SJ-5076

LABEL1

Product number/revision

Serial number

Label PCBA

PCB

PCB1

A08-1578

PCBA Documentation

FIXTURE1


A13-0087

TEST1

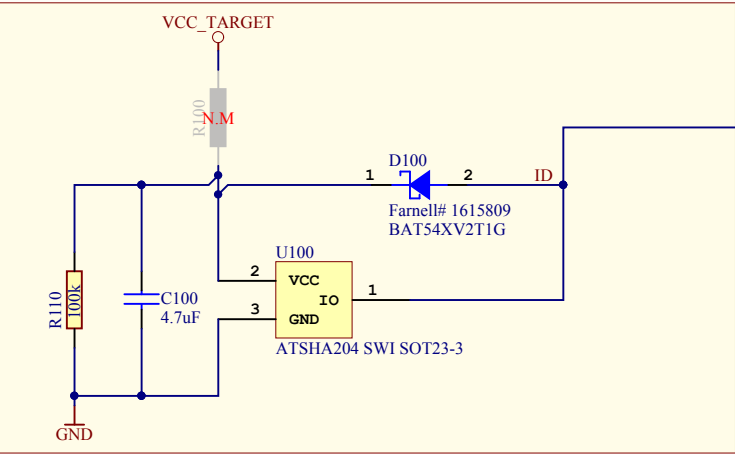
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DOC1

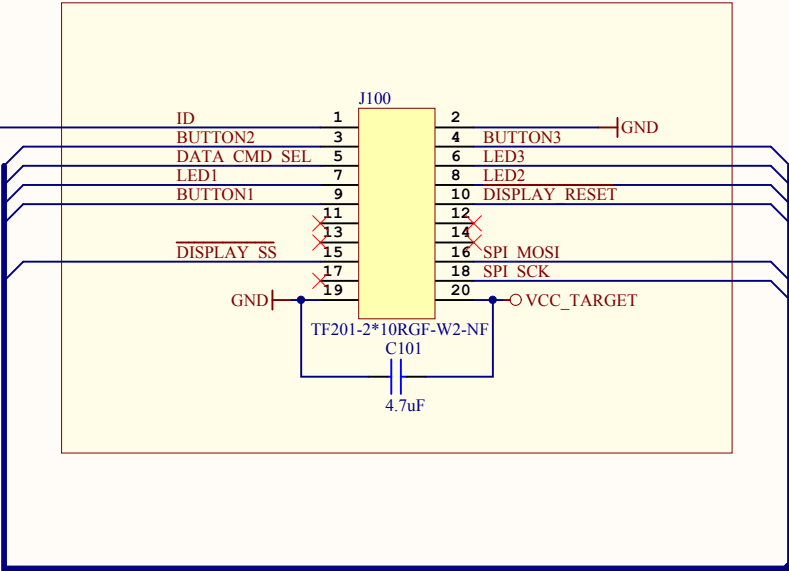
A12-0603

ATMEL Norway		*	 Enabling Unlimited Possibilities		
Vestre Rosten 79		*			
N-7075 TILLER		*			
NORWAY					
Date:	28.09.2015	13:14:43	PAGE:	1 of 2	
Document number:	1		Revision:	3	
TITLE: OLED Xplained PRO					
OLED_Xplained_PRO_TopLevel.SchDoc					

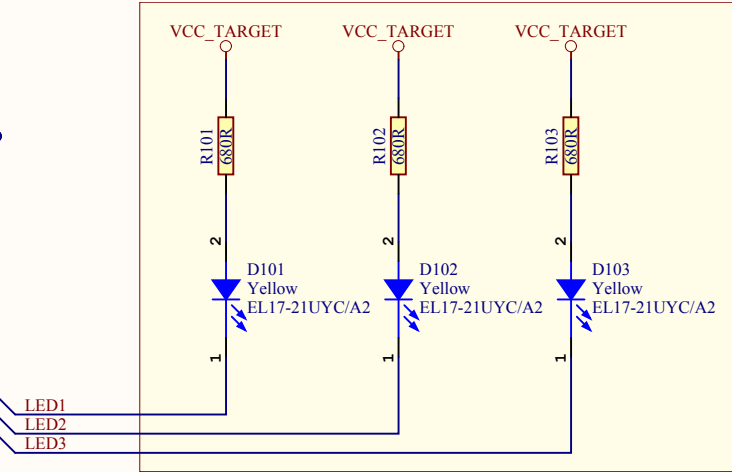
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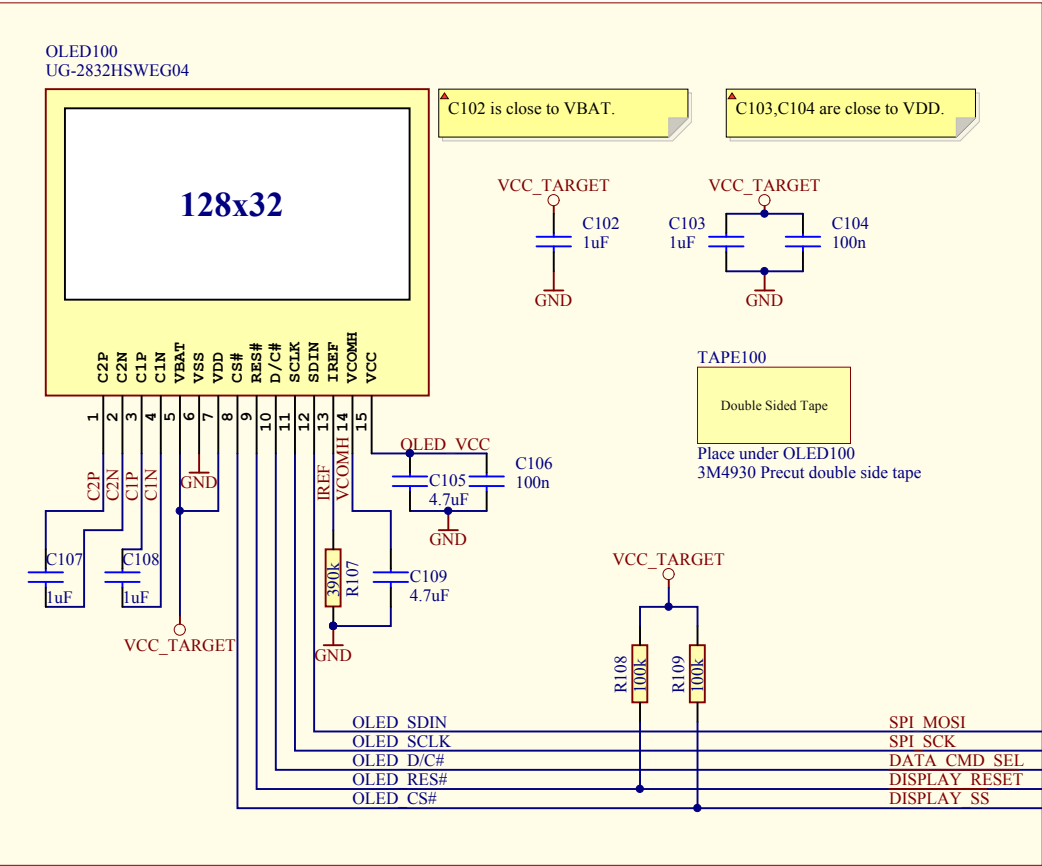
Extension Header (Female)



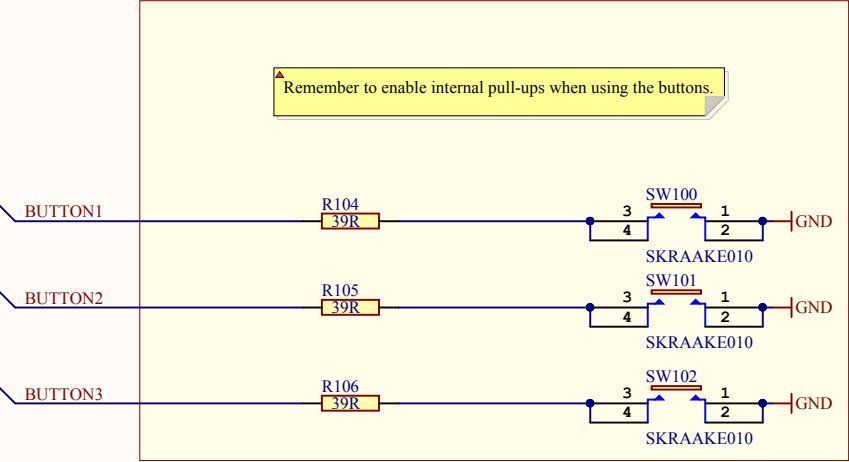
LEDs




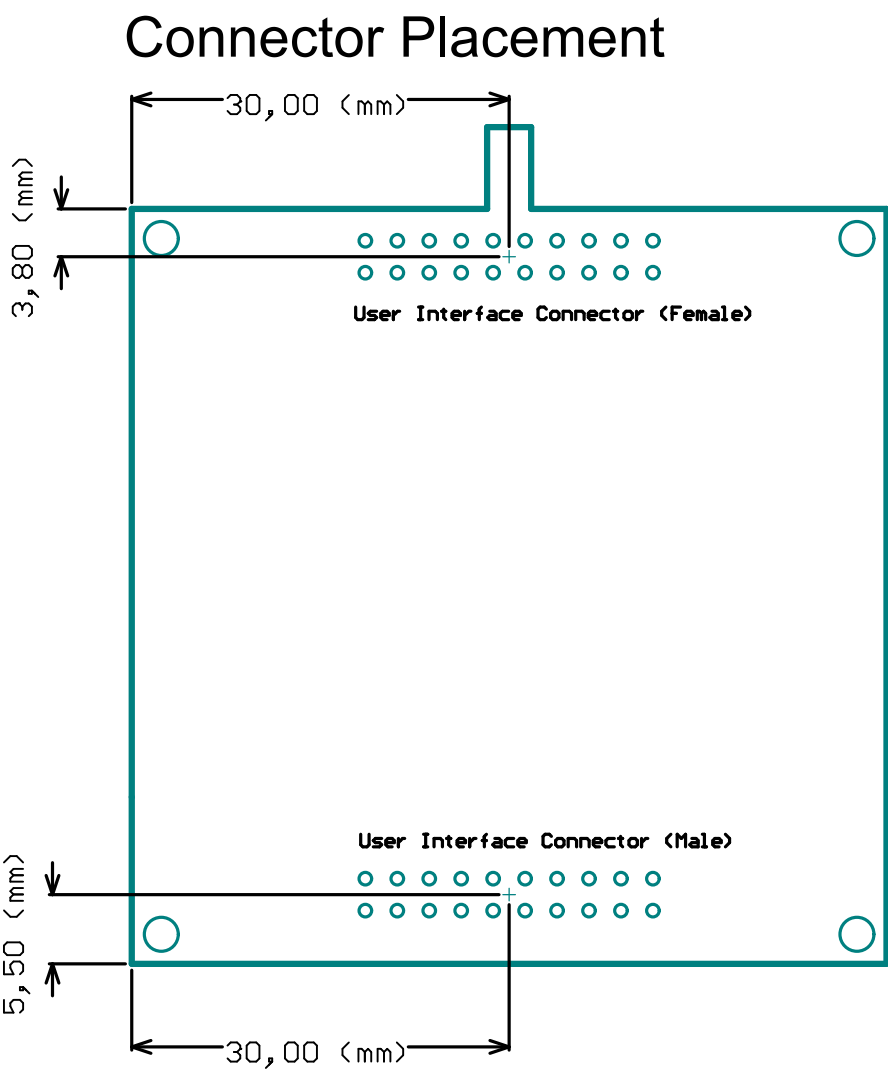
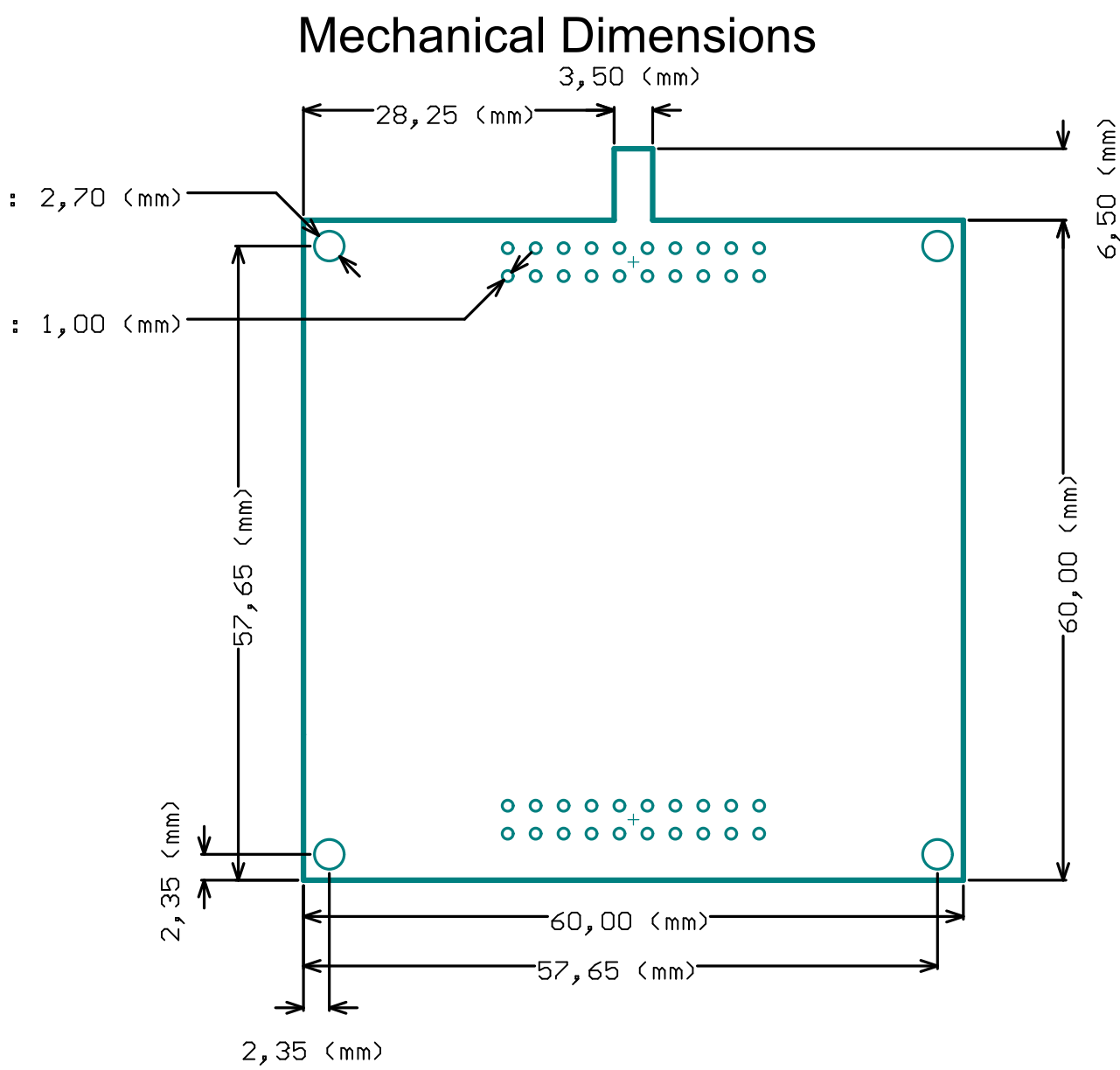
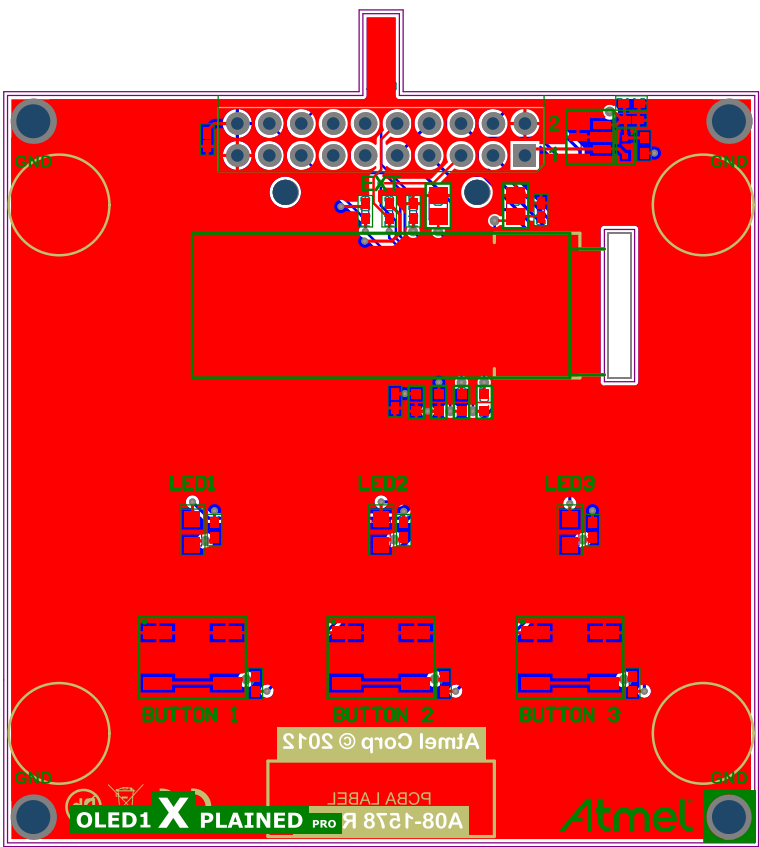
OLED



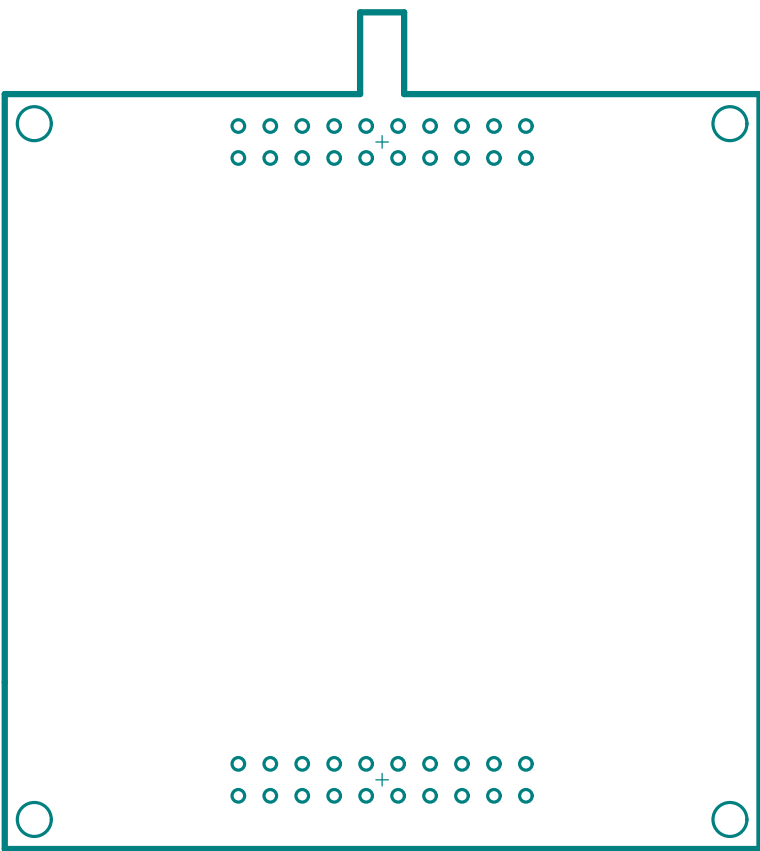
Push-Buttons




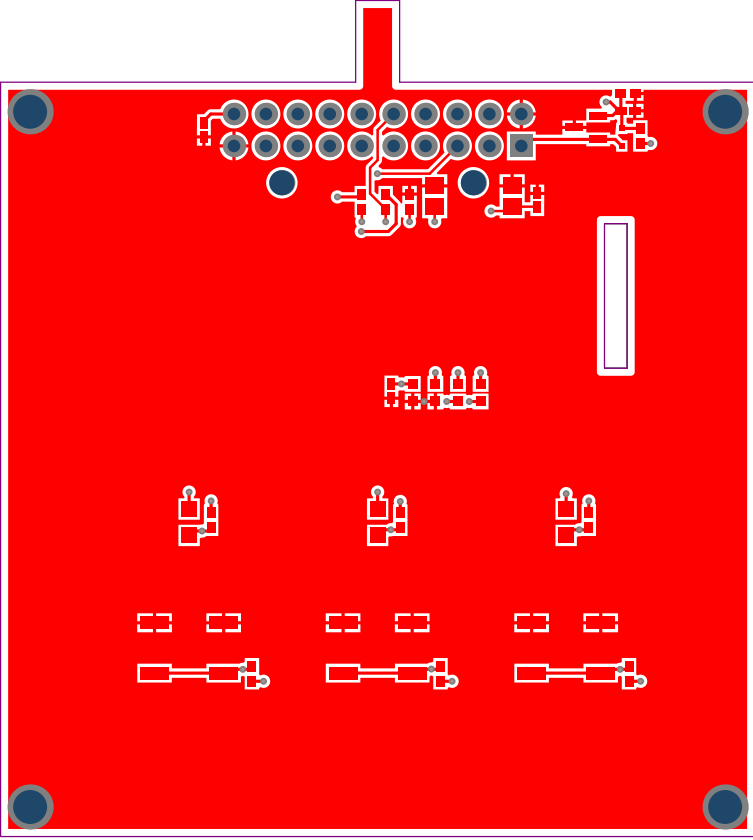
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Vestre Rosten 79		*			
N-7075 TILLER		*			
NORWAY					
Date:	28.09.2015	13:14:43	PAGE:	2 of 2	
Document number:	2		Revision	3	
TITLE: OLED Xplained PRO					
OLED_Xplained_PRO_Connector.SchDoc					

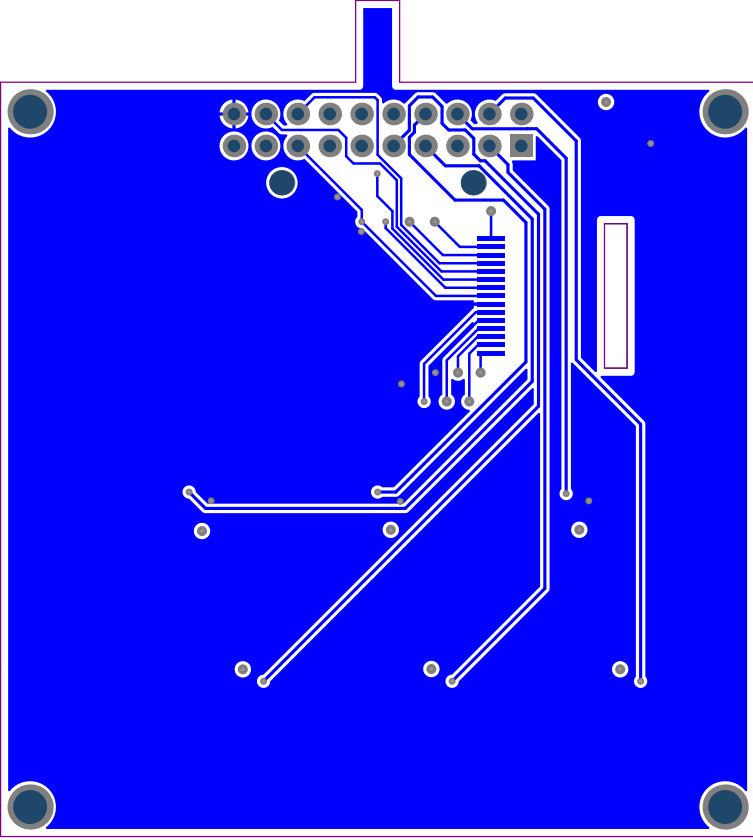


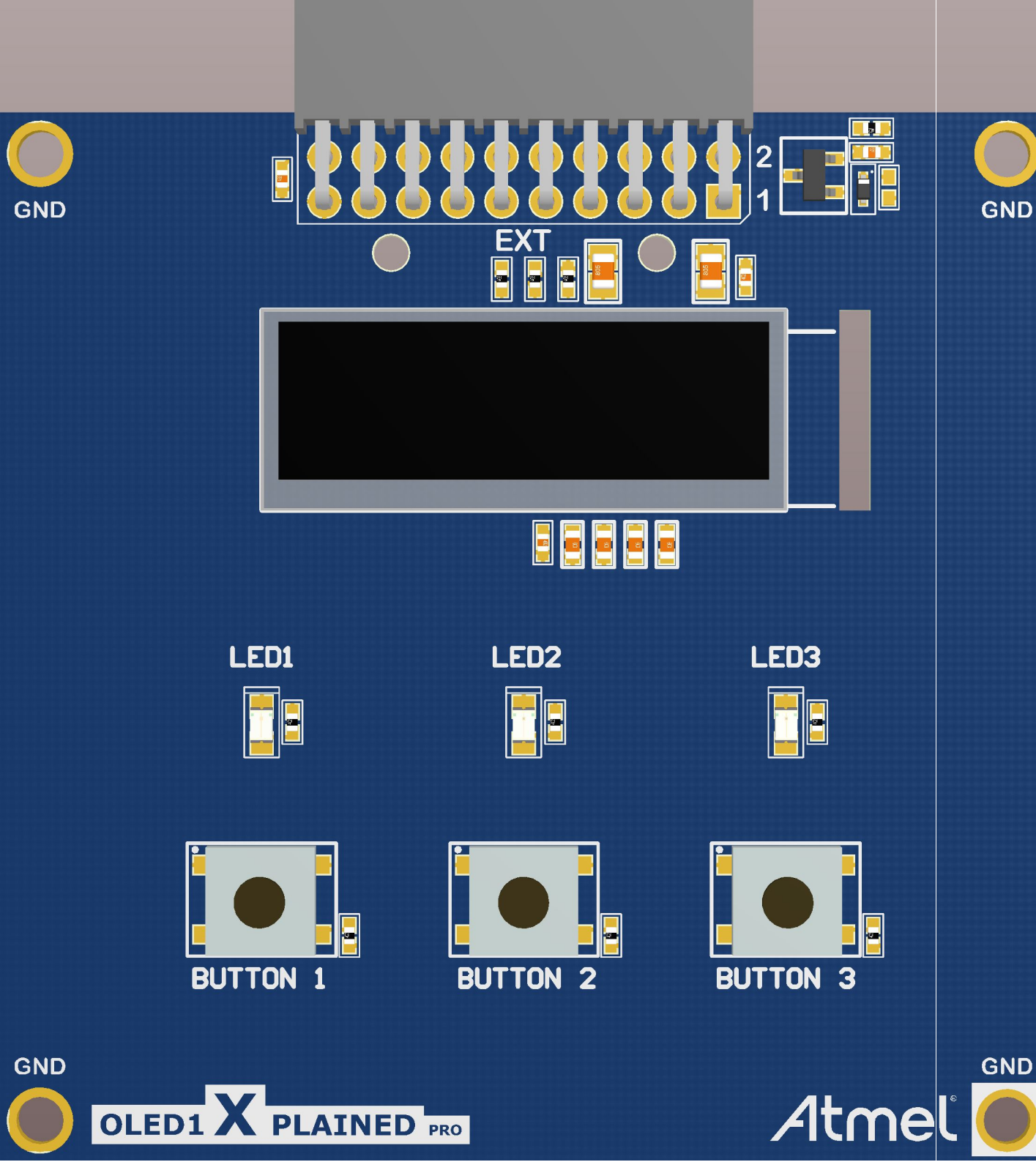
Testpoint Placement

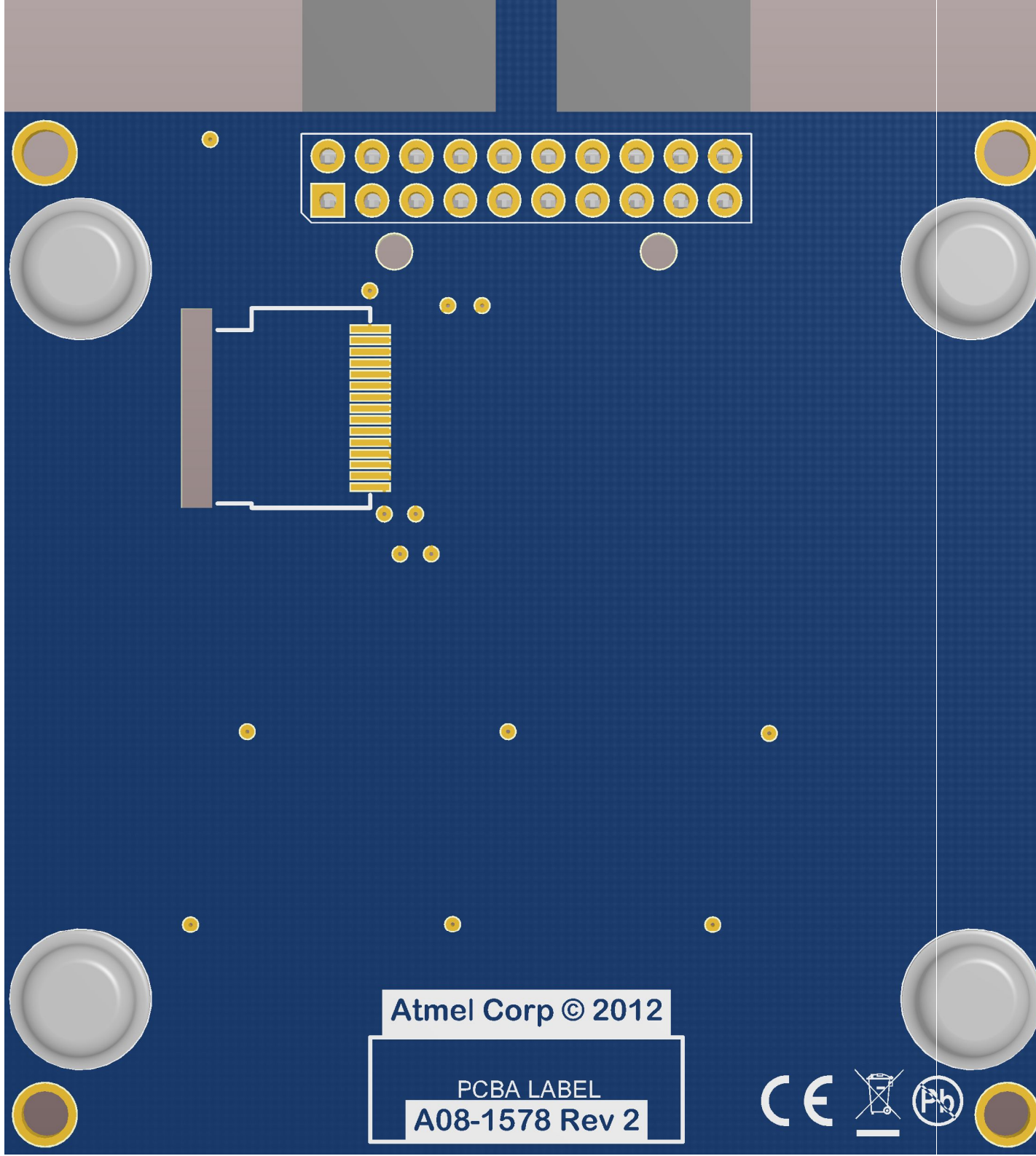


 ATMEL NORWAY Vestre Rosten 79 N-7075 Tiller	ENGINEER:	TITLE:	
	PCB DESIGNER:		
	DATE: 28.08.2015	PART NO.:	REV:
	FILE NAME: OLED_xplained_PRO.PcbDoc	DWG NO.:	SCALE:





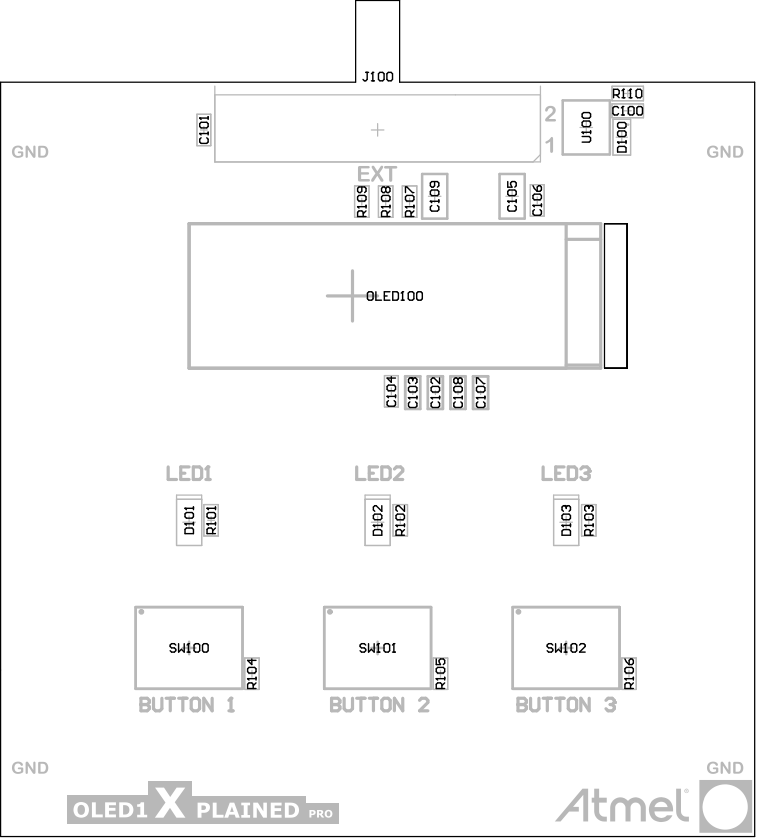




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PCBA LABEL
A08-1578 Rev 2





E2

E1



E4

E3

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PCB LABEL

A08-1578 Rev 2



Component list

OLED Xplained PRO

Source Data From:

OLED_Xplained_PRO.PrjPCB

Project:

OLED_Xplained_PRO.PrjPCB

Variant:

Default_assembly

Report Date: 28.09.2015 13:14:56

Print Date: 28.09.2015 13:14:54



Fitted	Designator	Quantity	Value	Manufacturer	MPN	Description
Fitted	C100, C101	2	4.7uF	tdk	C1005X5R0J475K	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10%
Fitted	C102, C103, C107, C108	4	1uF	Murata	GRM188R61C105KA12D	Ceramic capacitor, SMD 0603, X5R, 16V, 10% (de19763)
Fitted	C104, C106	2	100n	Kemet	C0402C104K4RACTU	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%
Fitted	C105, C109	2	4.7uF			Ceramic capacitor, SMD 0805, X7R, 16V, 10%,
Fitted	D100	1	BAT54XV2T1G	ON Semiconductor	BAT54XV2T1G	Schottky diode, If:200mA, Vf:0.35V, Vrrm:30V, SOD-523
Fitted	D101, D102, D103	3	EL17-21UYC/A2	Everlight	17-21UYC/S530-A3/TR8	LED, Yellow, Wave length=591nm, SMD 0805, ±70°
Fitted	DOC1	1	A09-1769 PCBA Files	ATMEL		OLED1 Xplained Pro PCBA documentation
Fitted	E1, E2, E3, E4	4	SJ-5076	3M	SJ-5076	2.8mm adhesive feet, diam 8.0mm
Fitted	FIXTURE1	1	Xplained PRO Extension board Jupiter Test Fixture	ESCA TEC	Xplained PRO Extension board Jupiter Test Fixture	Xplained PRO Extension board Jupiter Test Fixture
Fitted	J100	1	TF201-2*10RGF-W2-NF		F201-2*10RGF-W2-NF	2x10, female pin header receptable, right-angled, 2.54mm pitch, THM, Pin In Paste
Fitted	LABEL1	1	Label PCBA	ACT Logimark AS	505462	PCBA identification label PP Top White Gloss
Fitted	OLED100	1	UG-2832HSWEG04	WiseChip	UG-2832HSWEG04	OLEDisplay Module, 128x32 pixels
Fitted	PCB1	1	A08-1578	NCAB		OLED1 Xplained Pro PCB, 2 layer, size 60mm x 66.5mm
Fitted	R101, R102, R103	3	680R			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R104, R105, R106	3	39R			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R107	1	390k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R108, R109, R110	3	100k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	SW100, SW101, SW102	3	SKRAAKE010	ALPS	SKRAAKE010	6.2x6.2 mm SMD tact sw itch, same as A08-0091 but less force is needed
Fitted	TAPE100	1	3M4930 Precut double side tape	3M	3M4930	Precut double sided tape with size 22(Length)x5(Width)x0.6(Height)mm
Fitted	TEST1	1	OLED1 Xplained PRO test	ATMEL		Fixture test for OLED1 Xplained PRO
Fitted	U100	1	ATSHA204 SWI SOT23-3	ATMEL	ATSHA204-TSU-T	ATSHA204 with 1-wire interface and SOT23-3 package
Not Fitted	R100	0	0R			Thick film resistor, SMD 0402, 1/16W, 1%

	40	
Approved	Notes	