

A

A

B

B

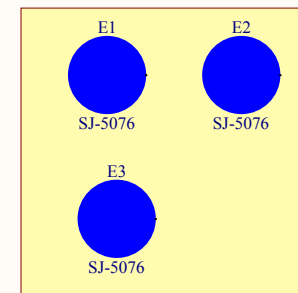
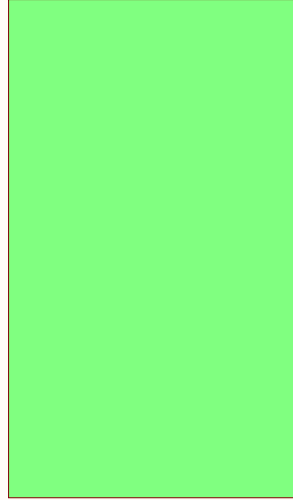
C

C

D

D

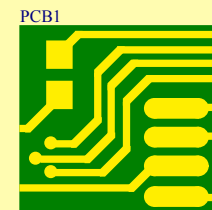
Connectors
PROTO1 Xplained Pro Connector.SchDoc



Label PCBA Small 6x6mm



A12-0644




PROTO1 Xplained Pro PCB



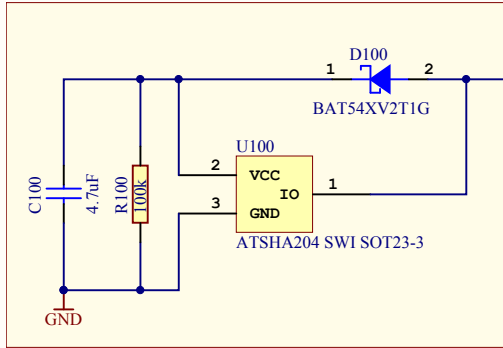
A11-0193



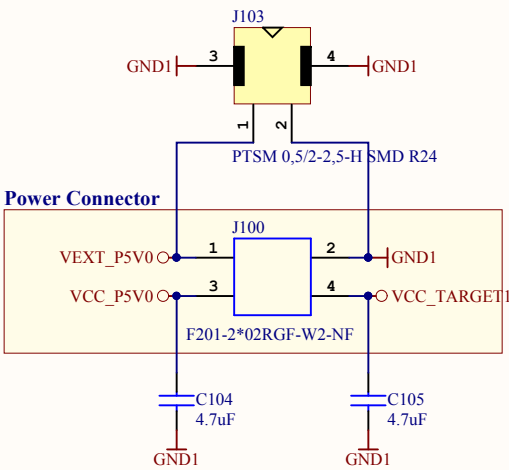
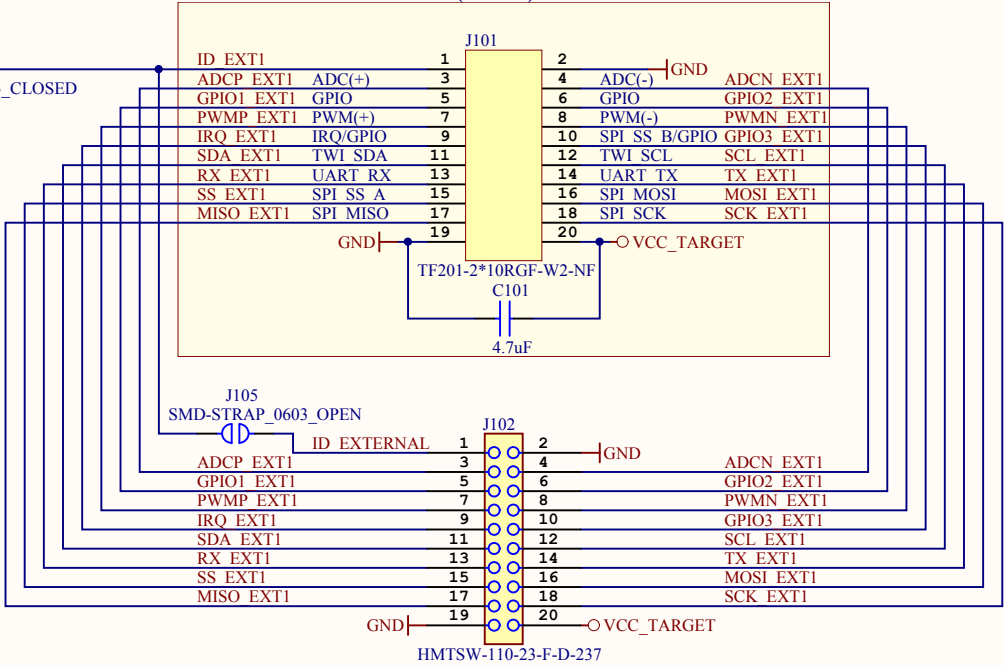
A13-0087

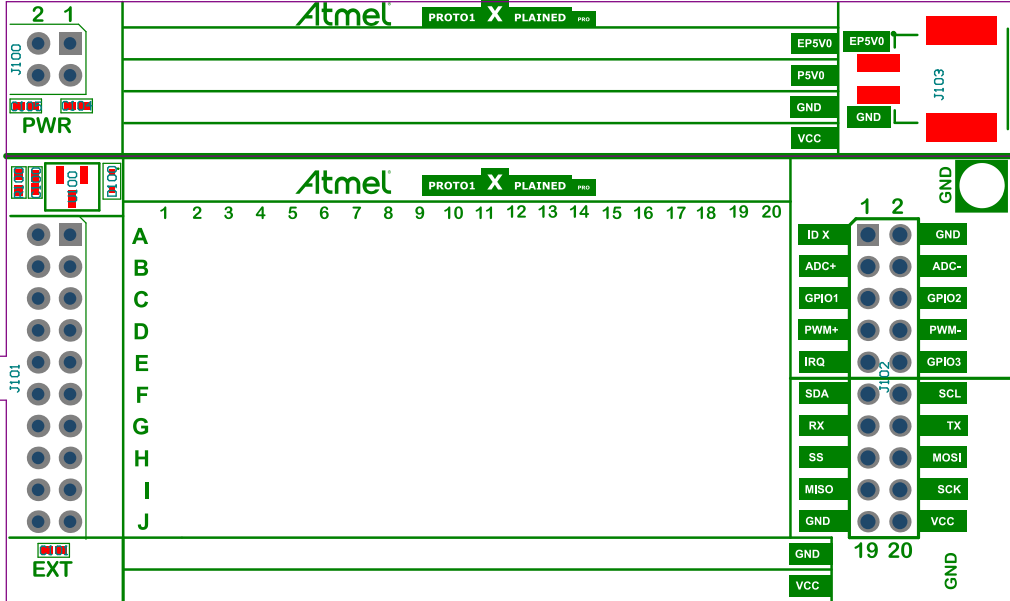
ATMEL Norway	*			
Vestre Rosten 79	*			
N-7075 TILLER	*			
NORWAY				
Date:	28.09.2015	13:35:51	PAGE:	1 of 2
Document number:	*		Revision:	2
TITLE: PROTO1 Xplained Pro Toplevel				
PROTO1_Xplained_Pro_TopLevel.SchDoc				

Extension Identification 1



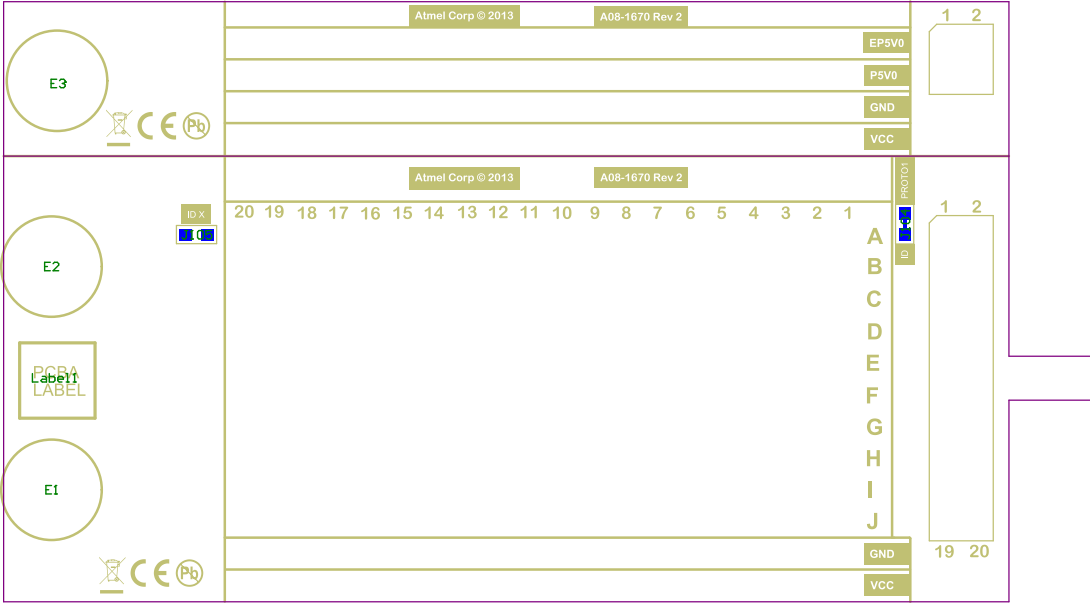
Standard Extension Header 1 (Female)

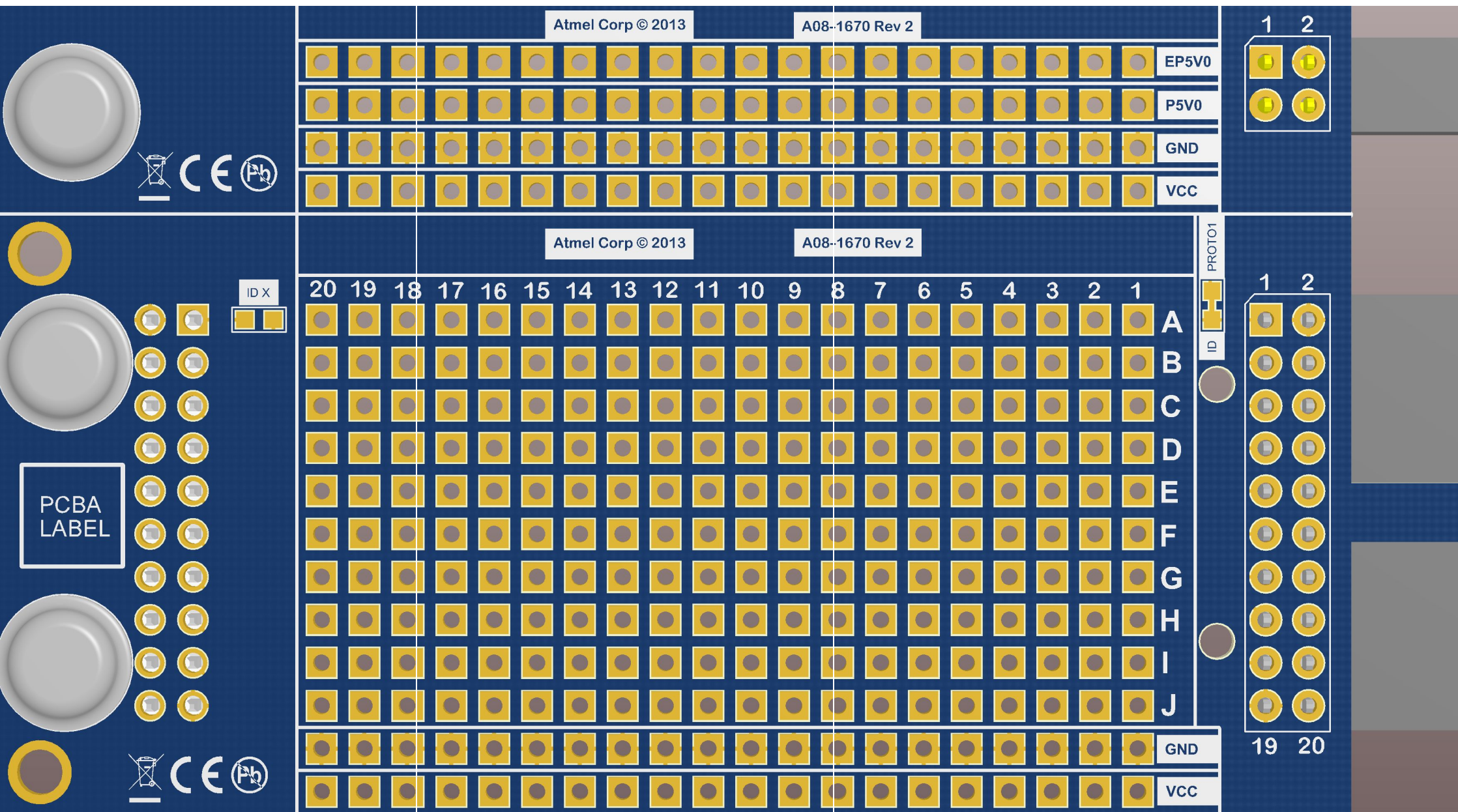


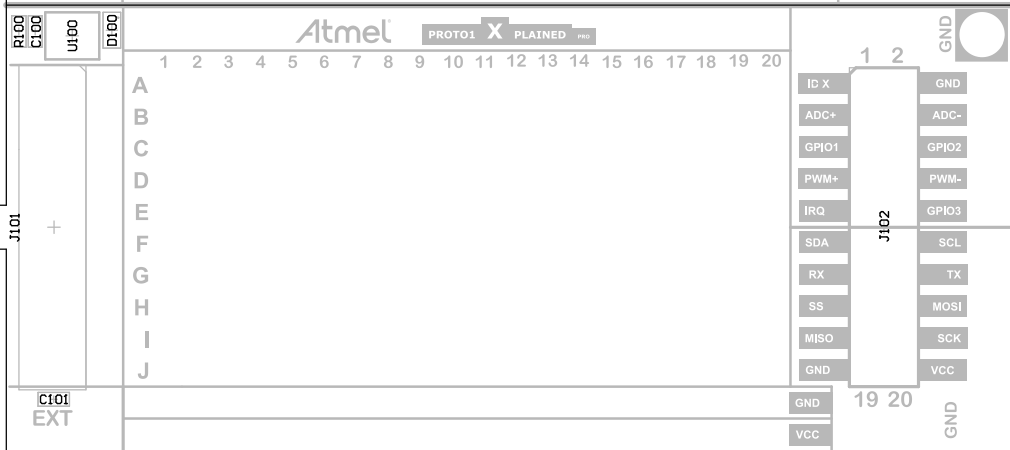


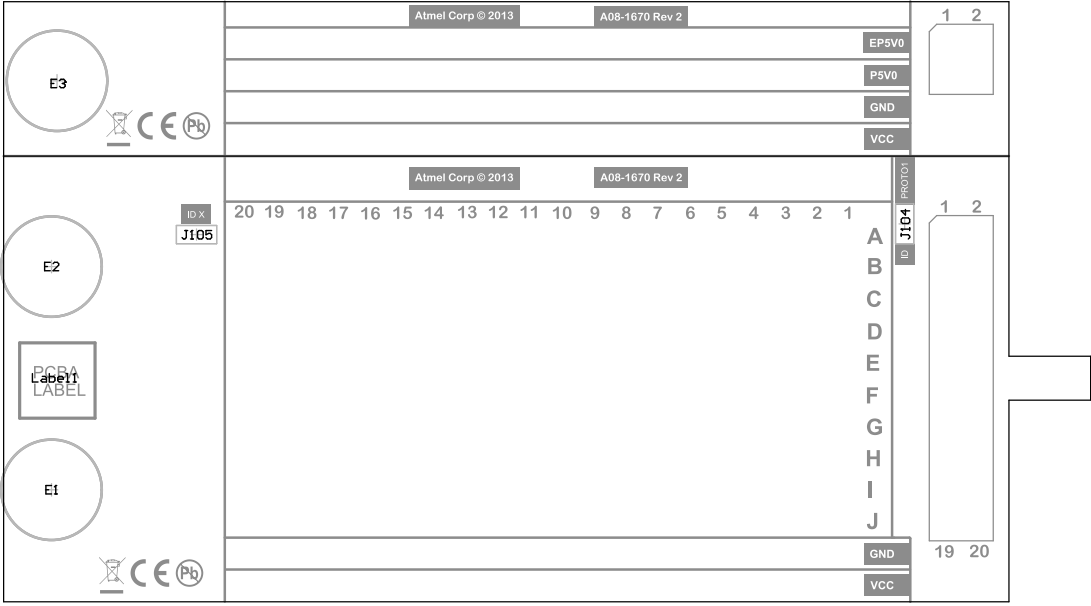












Component list

Bill of Materials Fitted For Variant [Default_assembly] of Project [PROTO1_Xplained_Pro.PrjPCB] (No PCB Document Selected)

Source Data From:	PROTO1_Xplained_Pro.PrjPCB
Project:	PROTO1_Xplained_Pro.PrjPCB
Variant:	Default_assembly



Report Date: 28.09.2015 13:36:12
Print Date: 28.09.2015 13:36:09

Fitted	Designator	Quantity	Value	Manufacturer	MPN	Description
Fitted	C100, C101, C104, C105	4	4.7uF	Murata	GRM155R60J475ME87D	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-20% (de33687)
Fitted	D100	1	BAT54XV2T1G	ON Semiconductor	BAT54XV2T1G	Schottky diode, If:200mA, Vf:0.35V, Vrrm:30V, SOD-523
Fitted	DOC1	1	A09-1890 PCBA files			PROTO1 Xplained Pro PCBA documentation
Fitted	E1, E2, E3	3	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	F201-2*02RGF-W2-NF	Pro-data International Corp	F201-2*02RGF-W2-NF	2x2, female pin header receptable, right-angled, 2.54mm pitch, THM, Pin In Paste
Fitted	J101	1	TF201-2*10RGF-W2-NF	Pro-data International Corp	F201-2*10RGF-W2-NF	2x10, female pin header receptable, right-angled, 2.54mm pitch, THM, Pin In Paste
Fitted	J102	1	HMTSW-110-23-F-D-237	SAMTEC	HMTSW-110-23-F-D-237	2x10 pin header, 2.54mm pitch, Pin-in-Paste THM
Fitted	J103	1	PTSM 0,5/2-2,5-H SMD R24	Phoenix Contacts	PTSM 0,5/2-2,5-H SMD R24	SMD mounted terminal block with quick lock
Fitted	LABEL 1	1	Label PCBA Small 6x6mm	ACT Logimark AS	505462	PCBA identification label PP Top White Gloss
Fitted	PCB1	1	PROTO1 Xplained Pro PCB		PROTO1 Xplained Pro PCB	PROTO1 Xplained Pro PCB
Fitted	R100	1	100k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	TEST1	1	PROTO1 Xplained Pro test	ATMEL	PROTO1 Xplained Pro test	Fixture test for PROTO1 Xplained Pro
Fitted	U100	1	ATSHA204 SWI SOT23-3	ATMEL	ATSHA204-TSU-T	ATSHA204 with 1-wire interface and SOT23-3 package

	19	
Approved	Notes	