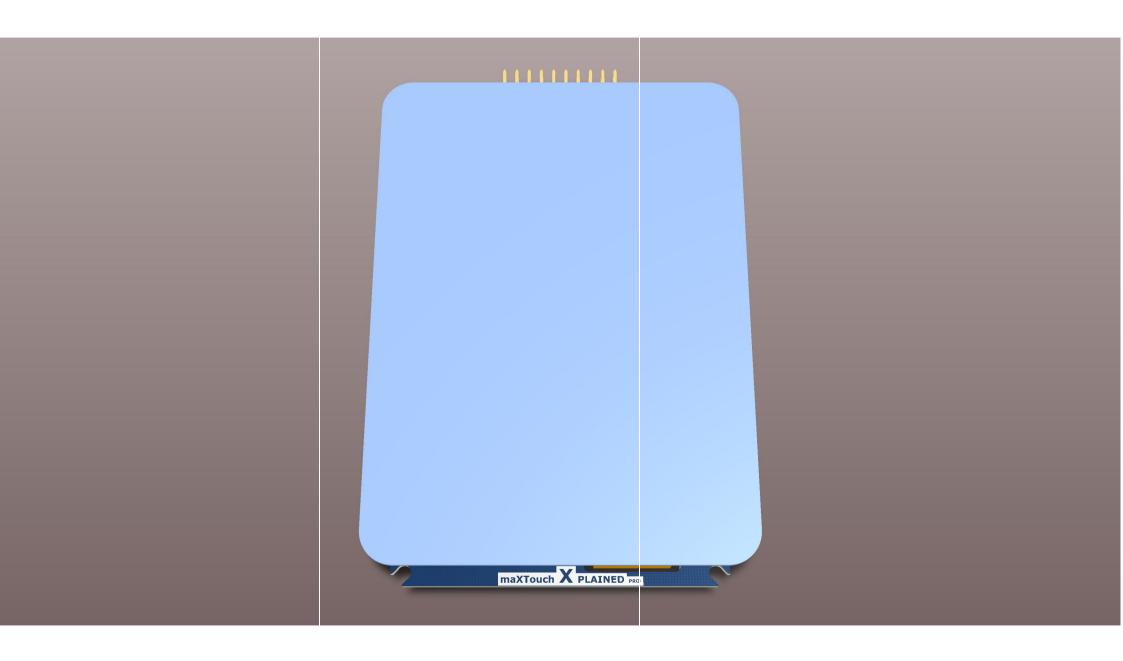
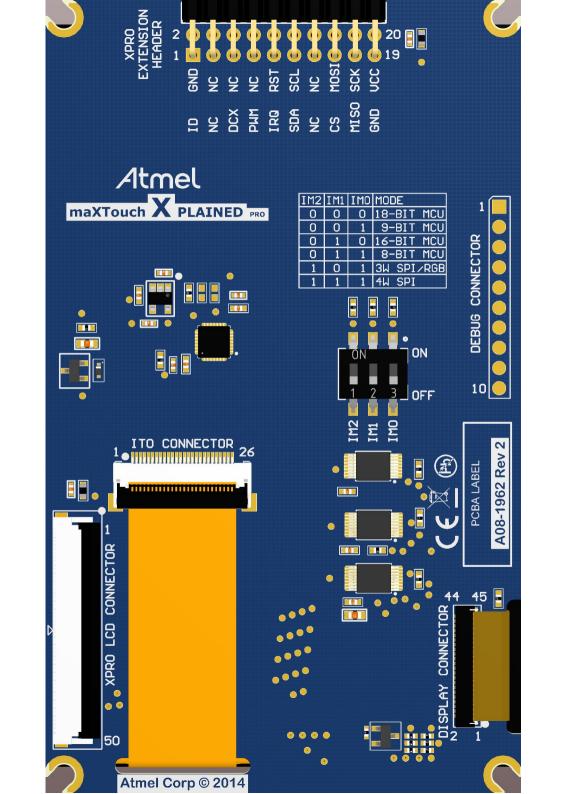
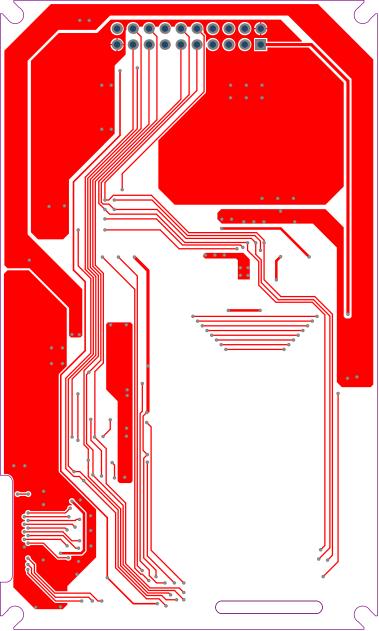
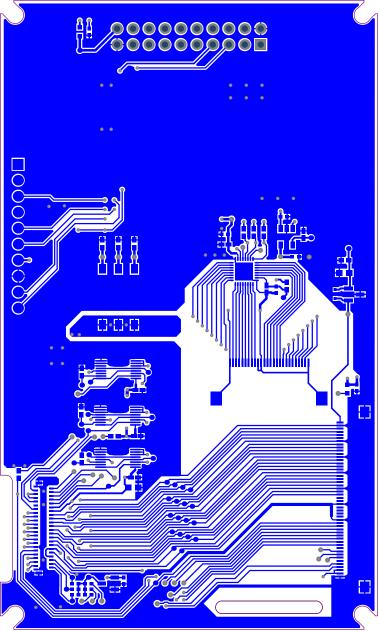


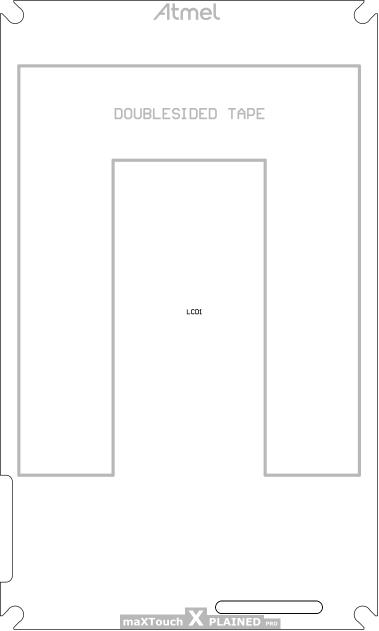
Mechanical Dimensions -60,00mm . . -100,00mm · . 🛚 ,50mm 17,00mm -2,00mm -2,50mm 17,00mm 1,90mm→ 34,25mm

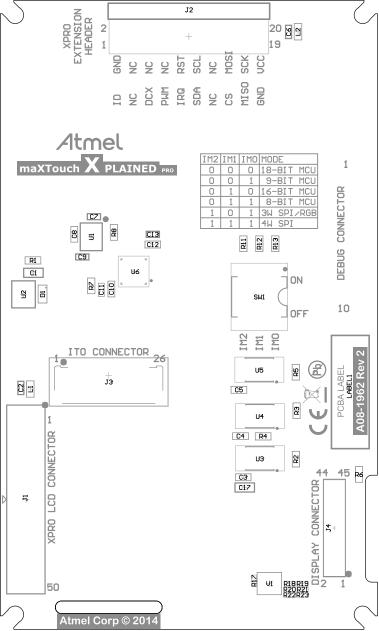












Component list

Bill of Materials Fitted For Variant [maXTouch_Xplained_Pro] of Project [maXTouch_Xplained_Pro.PRJPCB] (No PCB Document Selected)

Source Data From:

maXTouch_Xplained_Pro.PRJPCB

Project:

maXTouch_Xplained_Pro.PRJPCB

Variant:

maXTouch_Xplained_Pro

Report Date:

28.09.2015

10:53:30



	Print Date:	28.09.2015	10:52:43			
Fitted	Designator	Quantity	Value	Manufacturer	MPN	Description
Fitted	C1, C17	2	4u7			Ceramic capacitor, SMD 0603, 10V, ±10%
Fitted	C2, C6, C7, C9, C11, C13	6	1uF	AVX	0402ZD105KAT2A	Ceramic capacitor, SMD 0402, X5R, 10V, ±10 %
Fitted	C3, C4, C5, C8, C10, C12	6	100n	Kemet	C0402C104K4RACTU	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%
Fitted	D1	1	BAT54XV2T1G	ON Semiconductor	BAT54XV2T1G	Schottky diode, If:200mA, Vf:0.35V, Vrrm:30V, SOD-523
Fitted	J1	1	XF2M-5015-1A	Omron Components	XF2M-5015-1A	50pin FPC connector, 0.5mm pitch, Top/Bottom contacts
Fitted	J2	1	P101-2*10RGF-139-ND	Pro-data International Corp	P101-2*10RGF-139-ND	Pin header, 2x10, Right Angle, 2.54mm, THM, Pin In Paste
Fitted	J3	1	046288026000846+			26pin ZIF right angle 0.5mm pitch
Fitted	J4	1	1-2013496-8	TE Connectivity	1-2013496-8	45 pin, bottom side, FPC connector, 0.3mm pitch
Fitted	L1, L2	2	BLM18PG600SN15			SMD EF inductor 0603. Z=60ohm(@100MHz),Max R(dc)=0.10ohm,Max current=500mA
Fitted	LABEL1	1	Label PCBA	ACT Logimark AS	505462	PCBA identification label PP Top White Gloss
Fitted	LCD1	1	91-00028-A0	Precision Design Associates (PDA)	91-00028-A0	3.5in HGVA TFT LCD
Fitted	PCB1	1	maXTouch Xplained Pro PCB			maXTouch Xplained Pro PCB
Fitted	PCBADOC1	1	A09-2171 PCBA Files			maXTouch Xplained Pro PCBA Documentation
Fitted	R1	1	100k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R17	1	100k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R18, R19, R20, R21, R22, R23	6	56R			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R2, R3, R4, R5, R6	5	1k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R7	1	1R			SMD 0402, 1/16W, 1%
Fitted	R8, R11, R12, R13	4	10k	vishay	CRCW040210K0FKED	Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	SW1	1	sbs1003	Knitter-Sw itch	sbs1003	DIL Switch, 3-poles, 2.54mm
Fitted	TEST1	1	maXTouch Xplained pro Fixture Test SW			maXTouch Xplained pro Fixture Test SW
Fitted	TESTDOC1	1	maXTouch Xplained Pro test instruction			maXTouch Xplained Pro test instruction
Fitted	U1	1		MICREL SEMICONDUCTOR	MIC5305-2.9YD5	150mA uCap Ultra-low dropout LDO Regulator
Fitted	U2	1	ATSHA204 SWI SOT23-3	ATMEL	ATSHA204-TSU-T	ATSHA204 with 1-wire interface and SOT23-3 package
Fitted	U3, U4, U5	3	SN74LV4053ADGVR	Texas Instruments	SN74LV4053ADGVR	Triple 2-channel analog multiplexers/demultiplexers
Fitted	U6	1	ATMXT112S-MAUR	ATMEL	ATMXT112S-MAUR	QFN32 ATMXT112S-MAU 112-channel touchscreen controller
Fitted	V1	1	BSS138	Fairchild	BSS138	N-Channel MOSFET. 50V, 0.22A continuous, 0.88A Peak. RDS(ON) = 3.50hm@VGS=10V, VGS(th)<1.5V
Not Fitted	J5	0	77315-101-10_LF	FCI	77315-101-10_LF	1x10 Pin Header,2.54mm pitch, right angle.THM
Not Fitted	R9, R10	0	2k15			SMD 0402, 1/16W,1%
53						
Approv	ed		Notes			