

A

B

C

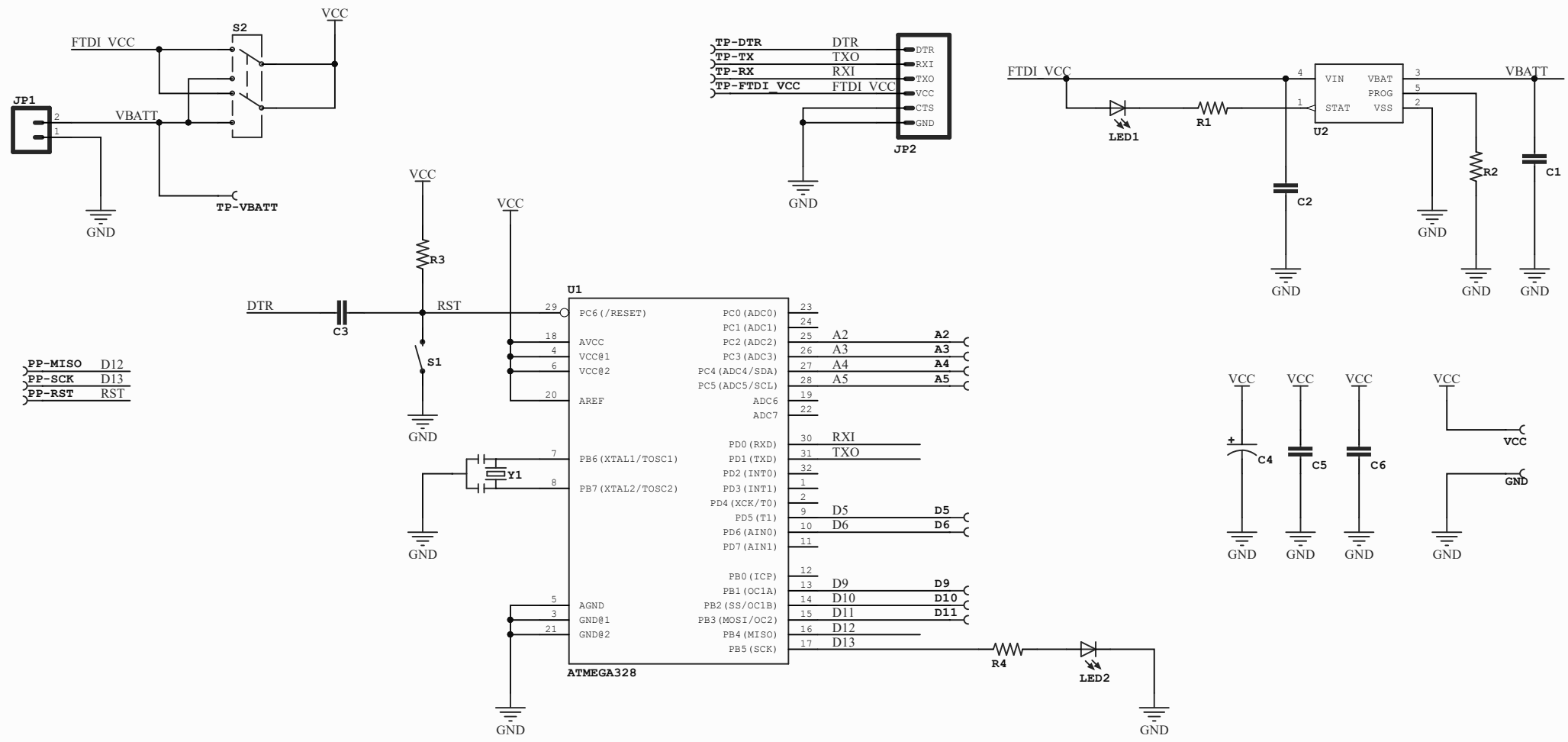
D

A

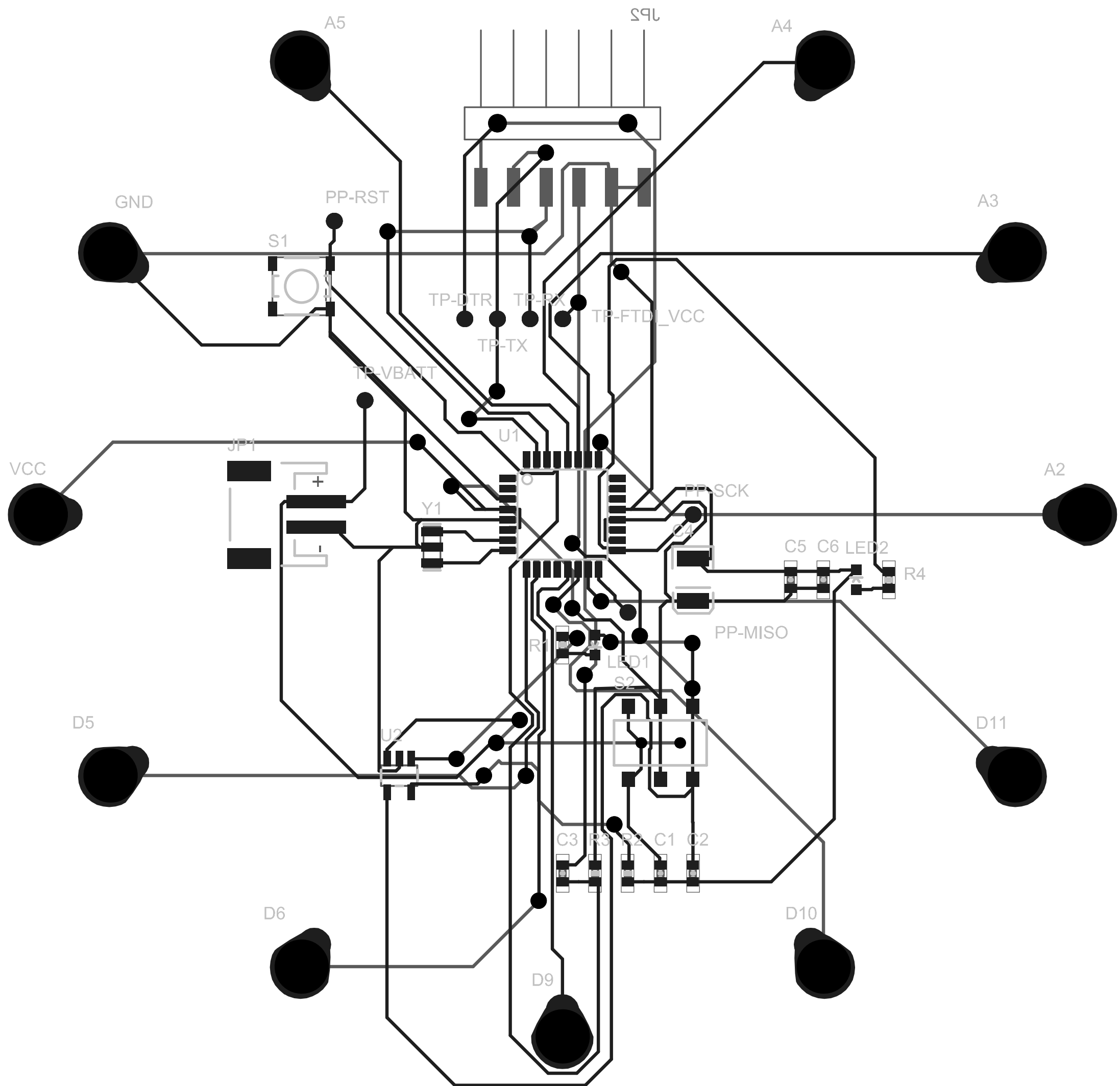
B

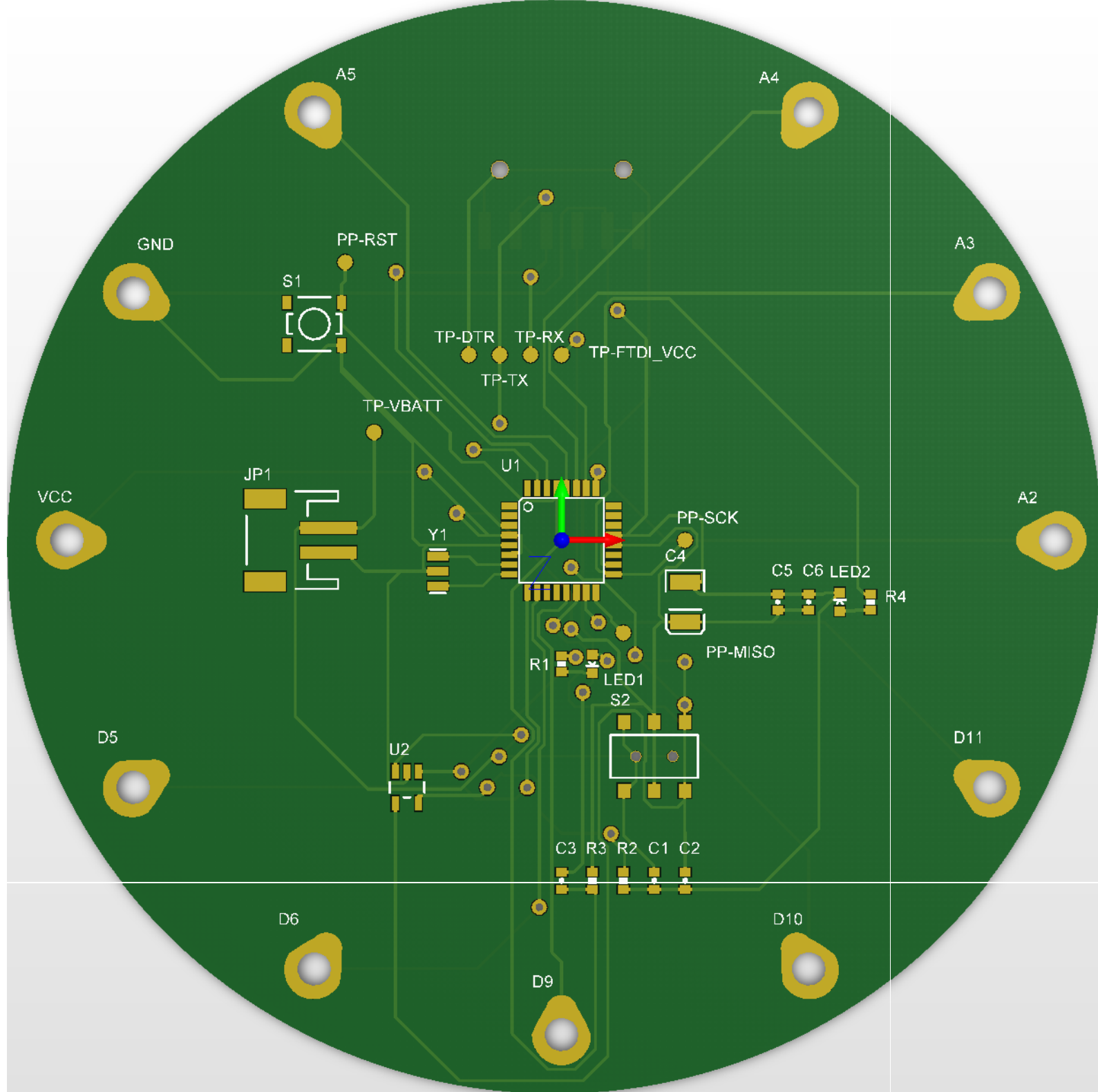
C

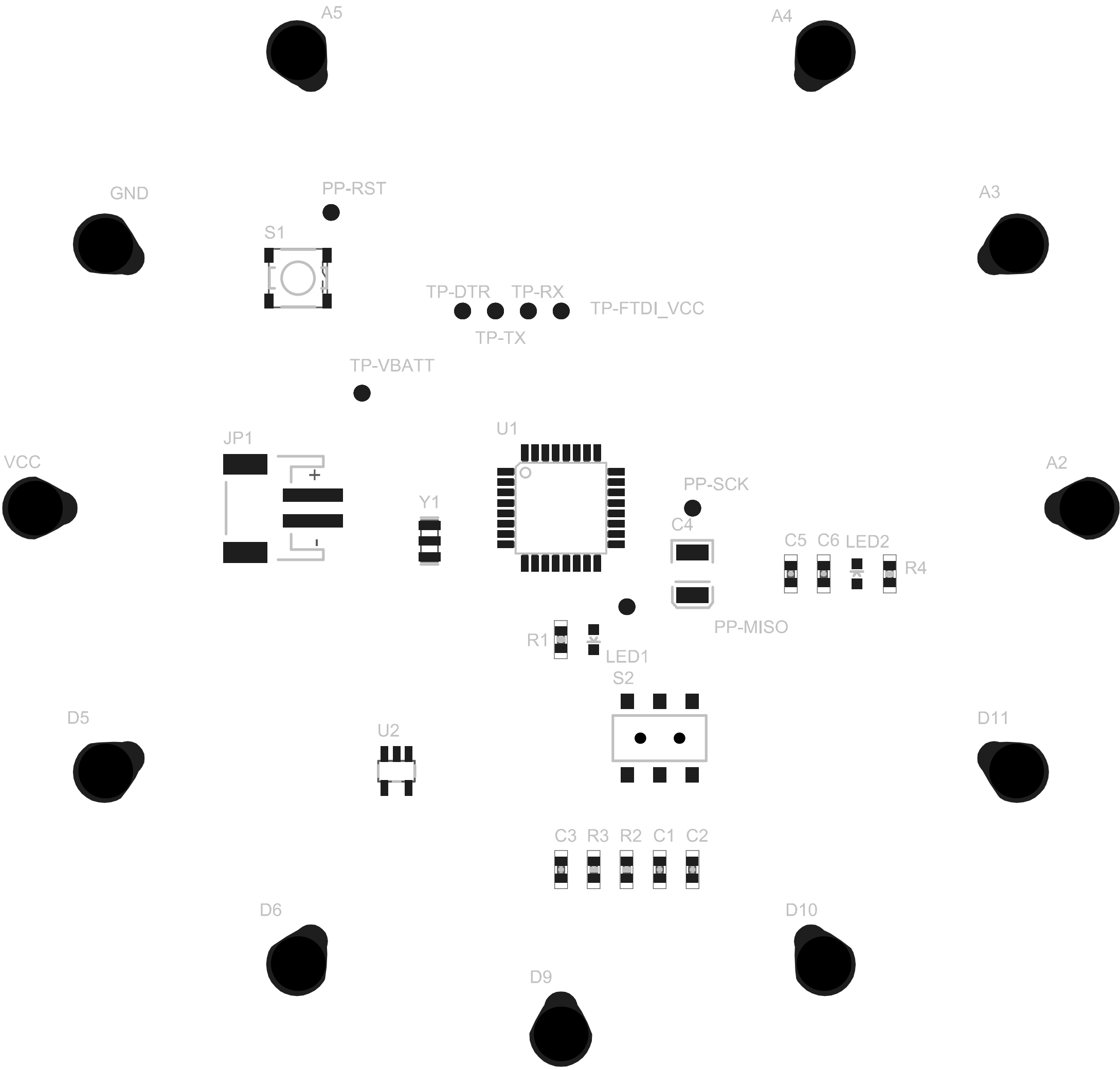
D

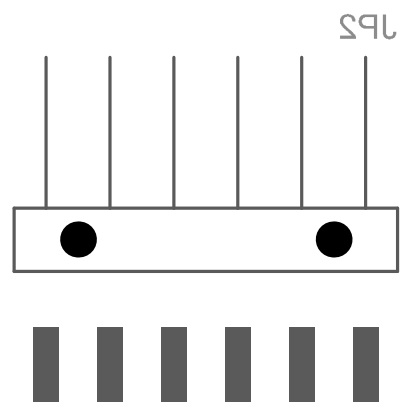


Title <i>LilyPad Simple</i>				
Size: A4	Number:*	Revision:*		
Date: 2018-05-01 Time: 11:32:59 AM Sheet 1 of 1				
File: LilyPad 1.SchDoc				









## Design Rules Verification Report

Filename : C:\Users\Public\Documents\SOLIDWORKS\SOLIDWORKS PCB 2018\03 LilyPad\LilyPad\_PCB1.SWPcbDoc

Warnings 0  
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Unpoured Polygon (Allow unpoured: False)	0
Net Antennae (Tolerance=0mil) (All)	0
Silk primitive without silk layer	0
Silk to Silk (Clearance=2mil) (All),(All)	0
Silk To Solder Mask (Clearance=3mil) (IsPad),(All)	0
Minimum Solder Mask Sliver (Gap=1mil) (All),(All)	0
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Hole Size Constraint (Min=1mil) (Max=200mil) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Width Constraint (Min=10mil) (Max=10mil) (Preferred=10mil) (All)	0
Power Plane Connect Rule(Relief Connect )(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Clearance Constraint (Gap=8mil) (All),(All)	0
Un-Routed Net Constraint ( All )	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Total	0

Electrical Rules Check Report

Class	Document	Message
		Successful Compile for 03 LilyPad.PrjPcb

Comment	Description	Designator	Footprint	LibRef	Quantity
CONN		A2, A3, A4, A5, D5, D6, D9, D10, D11, GND, VCC	PETAL-LONG-2	CONN	11
CAP0402-CAP		C1, C2, C3, C5, C6	0402-CAP	CAP0402-CAP	5
CAP_POL3528		C4	EIA3528	CAP_POL3528	1
M02-JST-2MM-SMT		JP1	JST-2-SMD	M02-JST-2MM-SMT	1
ARDUINO_SERIAL_PROGRAMSMD		JP2	1X06-SMD	ARDUINO_SERIAL_PROGRAMSMD	1
LED0603		LED1, LED2	LED-0603	LED0603	2
TEST-POINT3X5		PP-MISO, PP-RST, PP-SCK, TP-DTR, TP-FTDI_VCC, TP-RX, TP-TX, TP-VBATT	PAD.03X.05	TEST-POINT3X5	8
RESISTOR0402-RES		R1, R2, R3, R4	0402-RES	RESISTOR0402-RES	4
SWITCH-MOMENTARY-2SMD-2		S1	TACTILE_SWITCH_SMD-2	SWITCH-MOMENTARY-2SMD-2	1
AYZ0202		S2	AYZ0202	AYZ0202	1
ATMEGA328		U1	TQFP32-08	ATMEGA328	1
MCP73831		U2	SOT23-5	MCP73831	1
RESONATORSMD		Y1	RESONATOR-SMD	RESONATORSMD	1