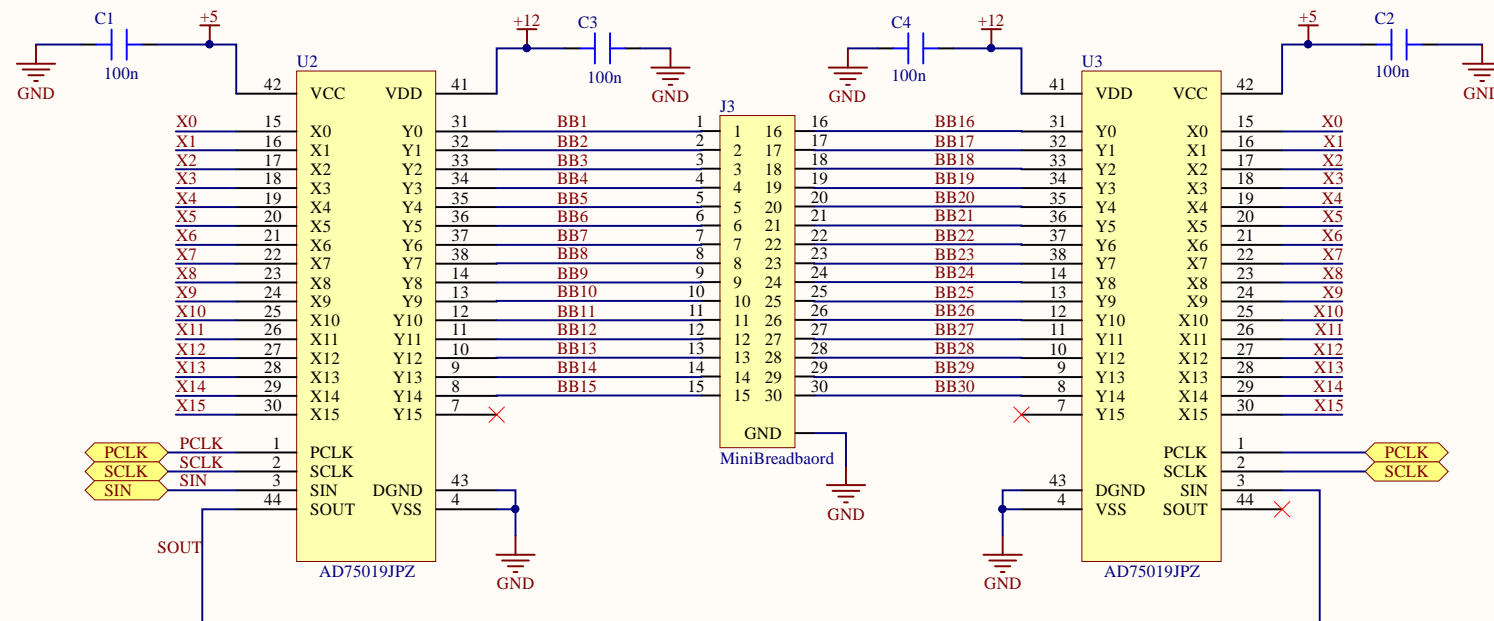
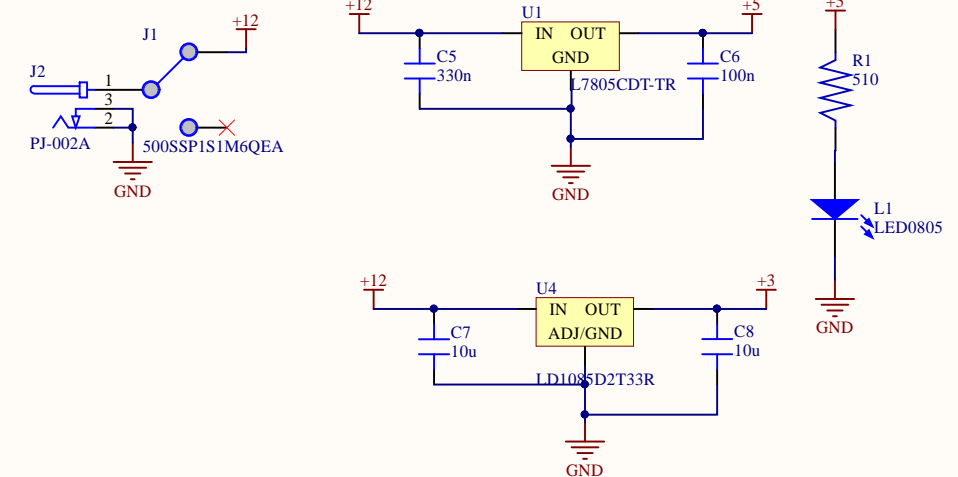


Virtual Component

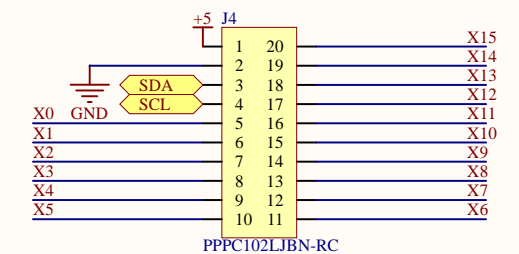
Crosspoint



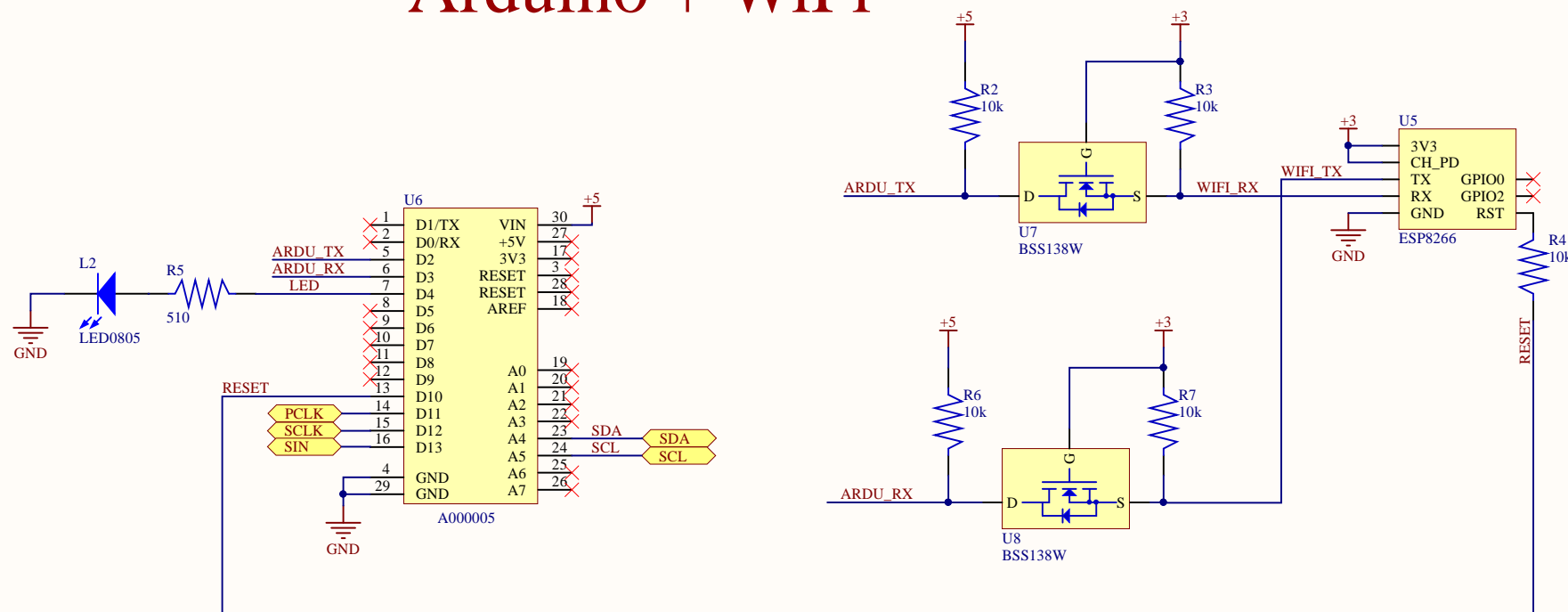
Power + indicator



Connector

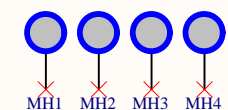


Arduino + WiFi

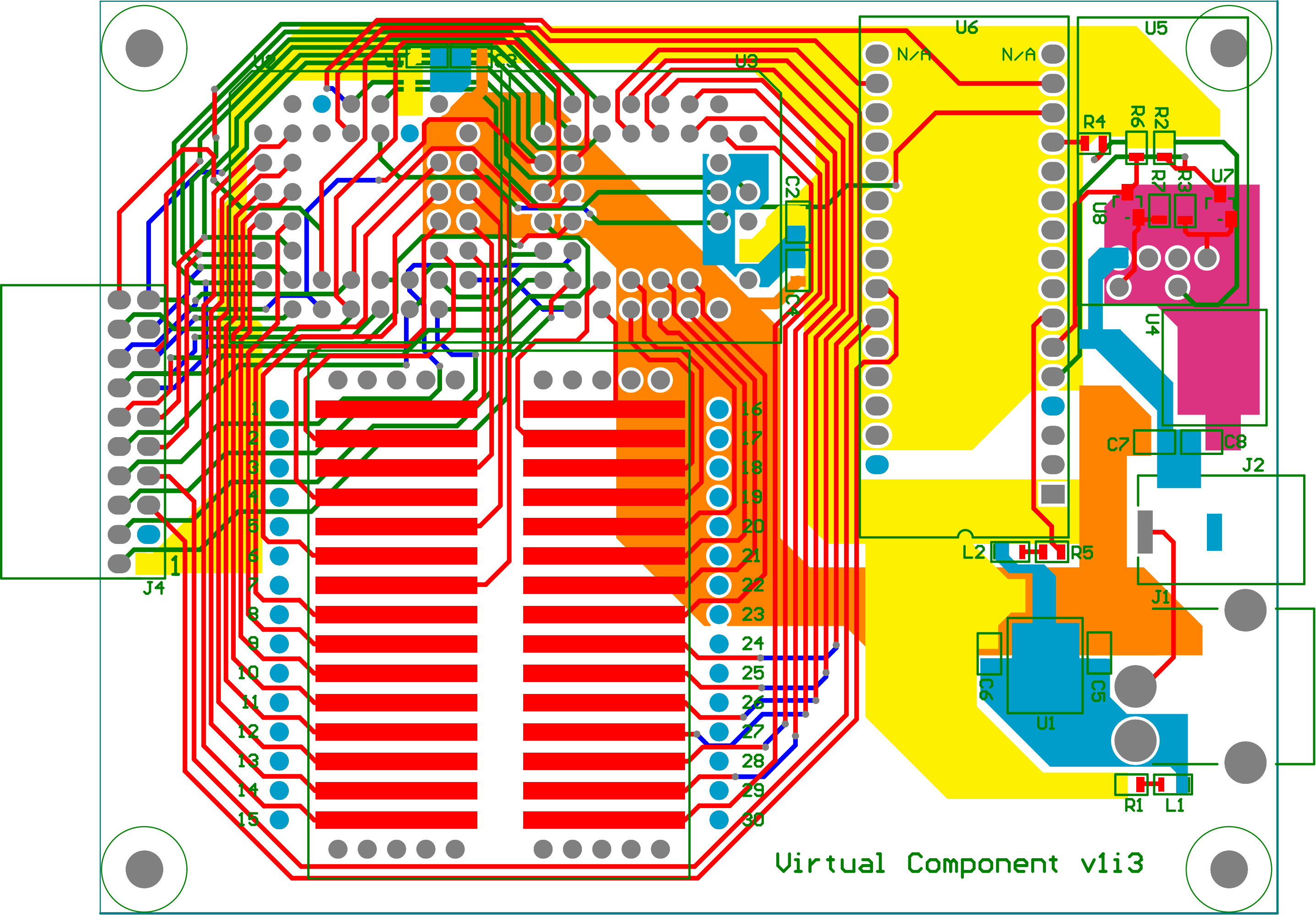


Mechanical

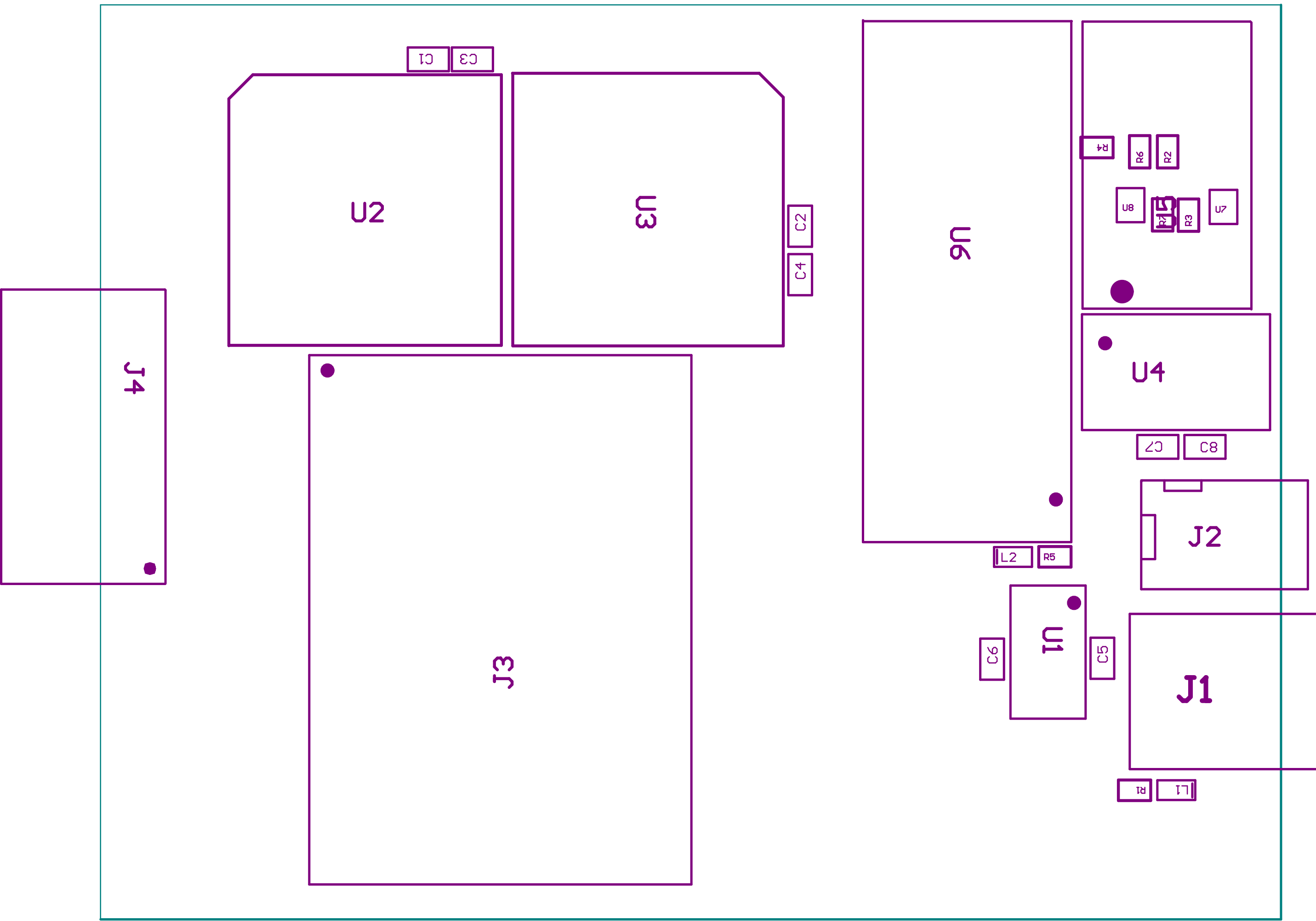
DIP32
Socket

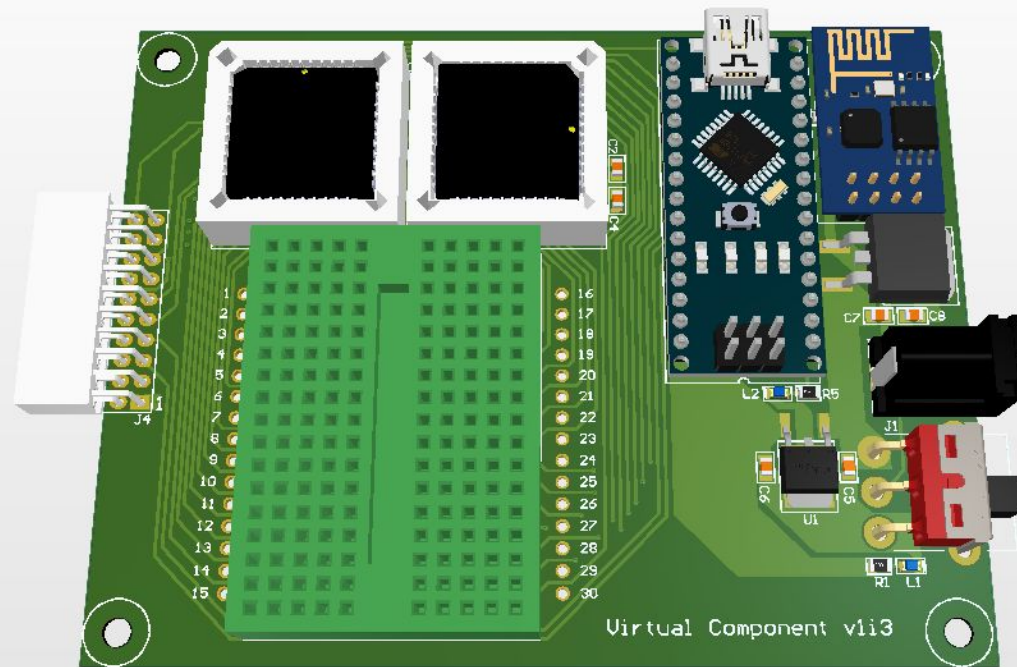


Title VirtualWire_v1i2.PrjPCB		
Size A3	Number 1	Revision 1
Date: 5/31/2018	Sheet 1 of 1	
File: C:\Users\... \VW_v1i2.SchDoc	Drawn By: Andrea	



Assembly Top of Virtual Component v1i3





Comment	Description	Designator	Manufacturer 1	Manufacturer Lifecycle 1	Manufacturer Part Number 1	Quantity	Supplier 1	Supplier Currency 1	Supplier Order Qty 1	Supplier Part Number 1	Supplier Stock 1	Supplier Subtotal 1	Supplier Unit Price 1
100n	100n	C1, C2, C3, C4, C6				5							
330n	330n	C5				1							
10u	10u	C7, C8				2							
500SSP1S1M6QE A	SWITCH SLIDE SPDT 5A 120V	J1	E-Switch	Not Recommended for New Design	500SSP1S1M6QE A	1	Digi-Key	USD	1	EG2478-ND	6096	2.93	2.93
PJ-002A	PJ-002 Series 2 x 6.5 mm 16 V Right Angle Through Hole Power Jack	J2	CUI	Volume Production	PJ-002A	1	Digi-Key	USD	1	CP-002A-ND	122160	0.6	0.6
MiniBreadbaord	Mini Breadboard	J3	TE Connectivity AMP	Not Recommended for New Design	1738132-1	1	Digi-Key	USD		1738132-1-ND	0		
PPPC102LJBN-RC	CONN FEMALE 20POS DL .1" R/A GOLD	J4	Sullins	Volume Production	PPPC102LJBN-RC	1	Digi-Key	USD	1	S5563-ND	7112	1.48	1.48
LED0805	LED0805 any color	L1, L2				2							
510	510	R1, R5				2							
10k	10k	R2, R3, R4, R6, R7				5							
L7805CDT-TR	IC REG LDO 5V 1.5A DPAK	U1	STMicroelectronics	Volume Production	L7805CDT-TR	1	Digi-Key	USD		497-7255-2-ND	0		
AD75019JPZ	SWITCH CROSSPOINT 16X16, SMD, 75019	U2, U3	Analog Devices	Volume Production	AD75019JPZ	2	Digi-Key	USD	2	AD75019JPZ-ND	779	66.08	33.04
LD1085D2T33R	Fixed LDO Voltage Regulator, 6.3V to 30V, 1.3V Dropout, 3.3Vout, 3Aout, TO-263-3	U4	STMicroelectronics	Volume Production	LD1085D2T33R	1	Digi-Key	USD	1	497-1222-6-ND	5377	1.5	1.5
ESP8266	WIFI ESP8266 MOD WIFI TRACE ANT	U5	SparkFun	Unknown	WRL-13678	1	Digi-Key	USD	1	1568-1235-ND	1587	6.95	6.95
A000005	ARDUINO A000005 ATMEGA328, ARDUINO NANO, EVAL BOARD	U6	Arduino	Volume Production	A000005	1	Digi-Key	USD	1	1050-1001-ND	458	22	22
BSS138W	MOSFET 50V N-CH Logic Level	U7, U8	ON Semiconductor / Fairchild	Volume Production	BSS138W	2	Digi-Key	USD	2	BSS138WCT-ND	0	0.92	0.46