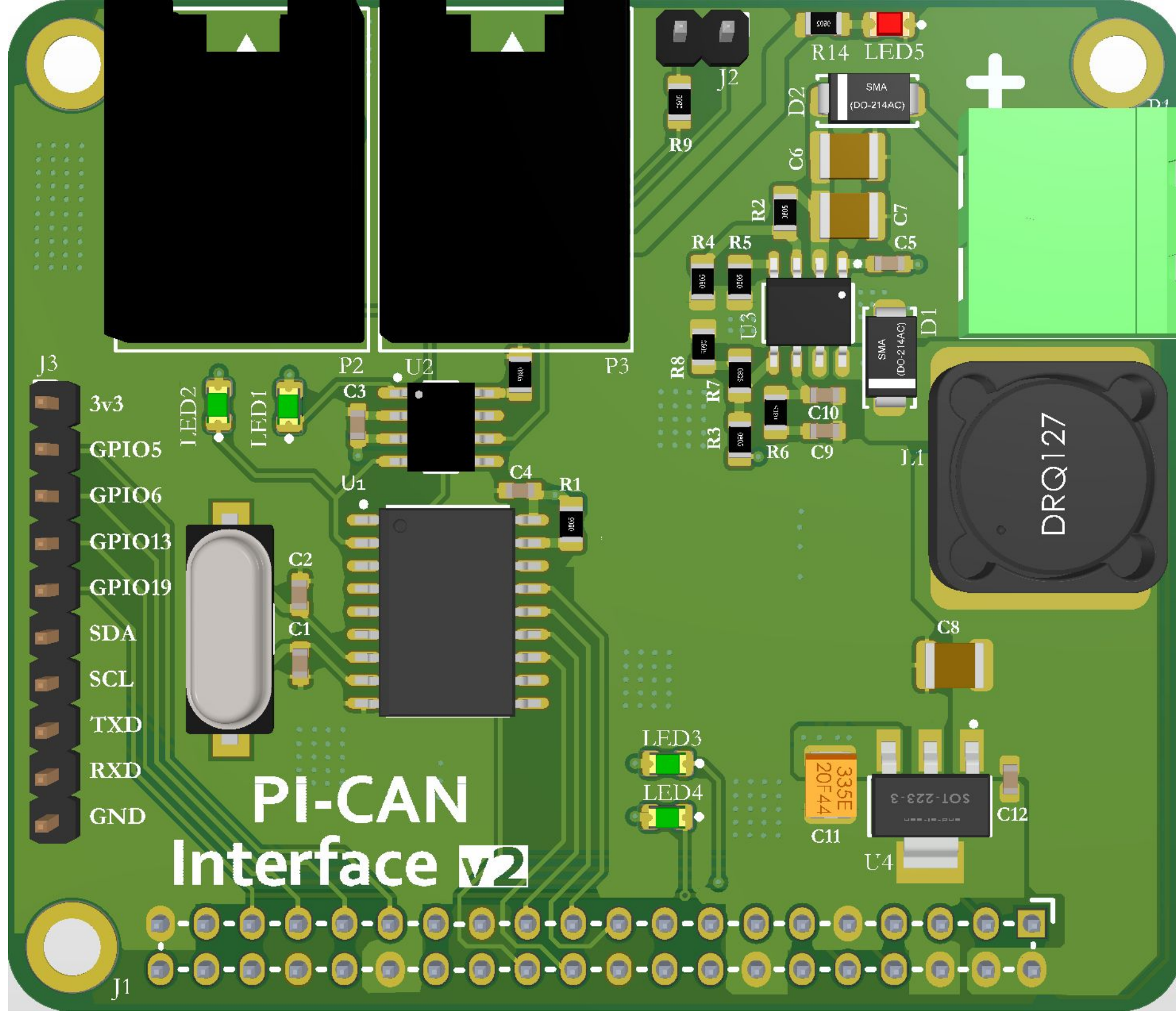
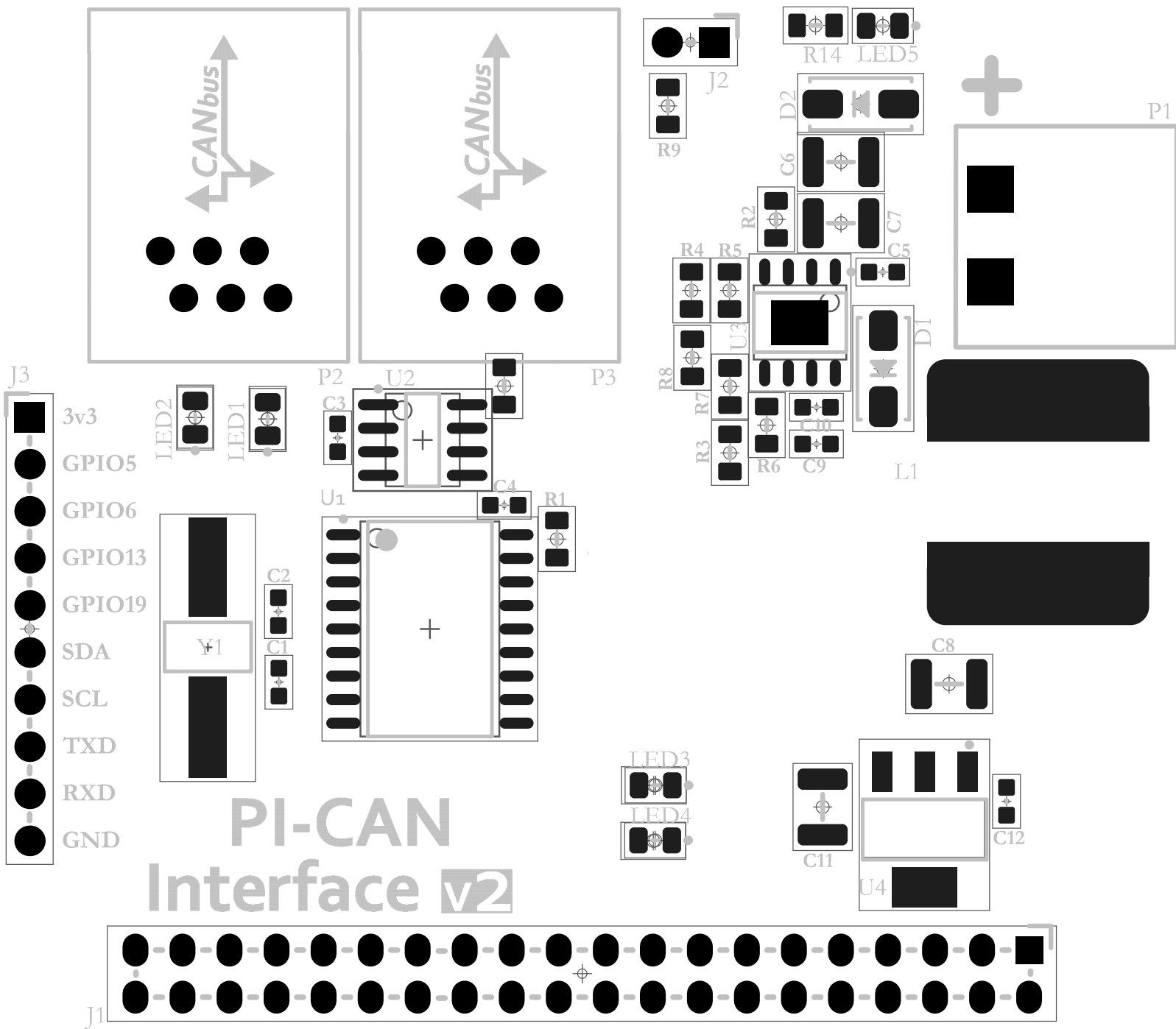
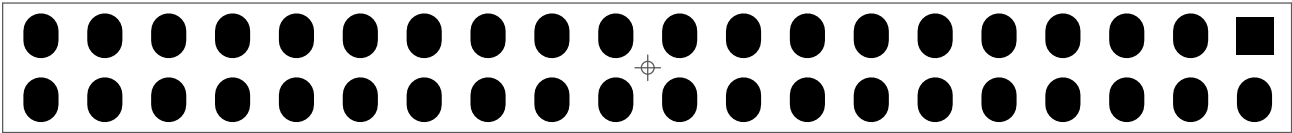
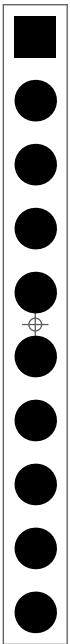
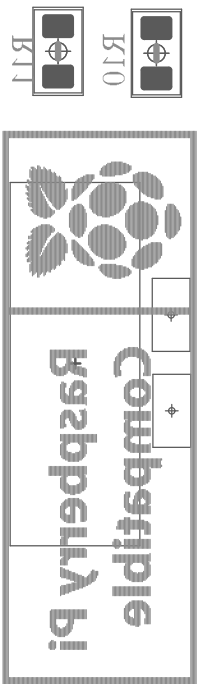
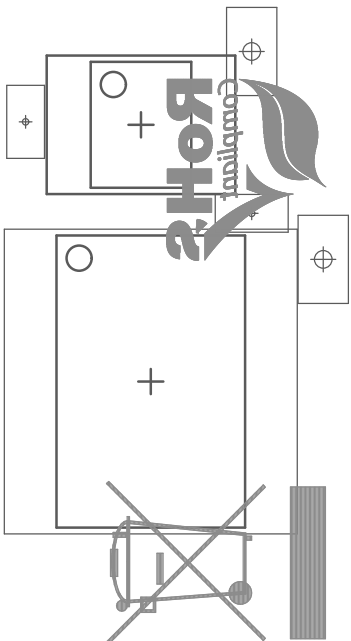
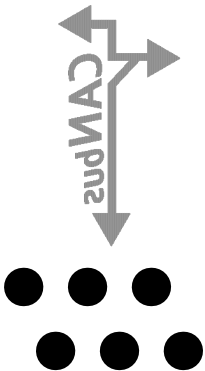
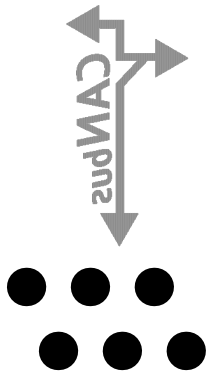
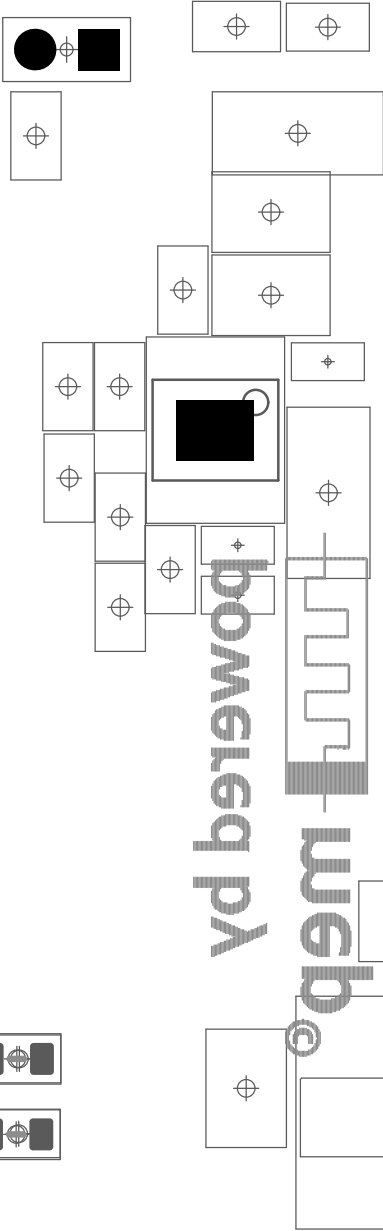


PI-CAN Interface v2












PI-CAN Interface v2





Board Stack Report

Stack Up		Layer Stack			
Layer	Board Layer Stack	Name	Material	Thickness	Constant
1		Top Paste			
2		Top Overlay			
3		Top Solder	Solder Resist	0.010mm	3.5
4		Top Layer	Copper	0.036mm	
5		Dielectric 1	FR-4	0.320mm	4.8
6		Bottom Layer	Copper	0.036mm	
7		Bottom Solder	Solder Resist	0.010mm	3.5
8		Bottom Overlay			
9		Bottom Paste			
	Height : 0.411mm				

Comment	Description	Designator	Footprint	LibRef	Quantity
20pF	CAP CER 20p 0805	C1, C2	CER_0603	00002200	2
100n	CAP CER 100n 10V X5R 10% 0603	C3, C4, C5, C12	CER_0603	06032105	4
2.2uF	CAP CER 2.2u X7R 100V 20% 1210	C6, C7	CER_1210	00002225	2
100uF	CAP CER 100u X5R 6.3V 10% 1210	C8	CER_1210	00002108	1
15n	CAP CER 15n 0603	C9	CER_0603	06032153	1
68p	CAP CER 68p 0603	C10	CER_0603	06032680	1
10uF	CAP TANT 10u	C11	TANT_1210	00001106	1
B360B	DIODE SCHOTTKY 60V 3A DO214AC	D1	DO214AC	B360B	1
SK34	DIODE SCHOTTKY 40V 3A DO214AC	D2	DO214AC	SK34	1
00000005		J1	HM2X20	00000005	1
		J2	HM1x2	00000003	1
00000006		J3	HM1X10	00000006	1
10uH	FIXED IND 10uH 3A	L1	INDUCTOR_SS1260 103MLD	IND_10uH	1
LED GREEN	LED GREEN CLEAR 0805 SMD	LED1, LED2, LED3, LED4	LED_GREEN_0805	LED_GREEN 0805	4
LED RED	LED RED 0805	LED5	LED_RED_0805	LED_RED_0805	1
		P1	PWR_Con	00000002	1
RJ-11		P2, P3	RJ11-6N-B	00000001	2
4.7k	RES SMD 4.7 kOhm 1/8W 0805	R1	RESC2013X38N- 0805-NOOVERLAY	00004701	1
330k	RES SMD 330 kOhm 1/8W 0805	R2	RESC2013X38N- 0805-NOOVERLAY	00003303	1
51k	RES SMD 51 kOhm 1/8W 0805	R3	RESC2013X38N- 0805-NOOVERLAY	00005102	1
56k	RES SMD 56 kOhm 1/8W 0805	R4	RESC2013X38N- 0805-NOOVERLAY	00005602	1
160k	RES SMD 160 kOhm 1/8W 0805	R5	RESC2013X38N- 0805-NOOVERLAY	00001603	1
15k	RES SMD 15 kOhm 1/8W 0805	R6	RESC2013X38N- 0805-NOOVERLAY	00001502	1
9.1k	RES SMD 9.1 kOhm 1/8W 0805	R7	RESC2013X38N- 0805-NOOVERLAY	00009101	1
620R	RES SMD 620 Ohm 1/8W 0805	R8	RESC2013X38N- 0805-NOOVERLAY	00006200	1
120R	RES SMD 120 Ohm 1/8W 0805	R9	RESC2013X38N- 0805-NOOVERLAY	000001200	1
1k	RES SMD 1 kOhm 1/8W 0805	R10, R11, R12, R13, R14	RESC2013X38N- 0805-NOOVERLAY	00001001	5
10k	RES SMD 10 kOhm 1/8W 0805	R?	RESC2013X38N- 0805-NOOVERLAY	000001002	1
MCP2515-I/SO	IC CAN CONTROLLER W/SPI 18SOIC	U1	SOIC-18	MCP2515	1
SN65HVD230DR	IC EMC CAN TRANSCIEVER 8- SOIC	U2	SOIC-8	SN65HVD230	1
TPS54340	DC-DC Buck Regulator	U3	HSOP-8	00000003	1
LM2937-5	IC REG LINEAR 5V 400MA SOT223-4	U4	SOT223	00000007	1
16MHz	Crystal Oscillator	Y1	OSCILATOR	XtalSmd	1