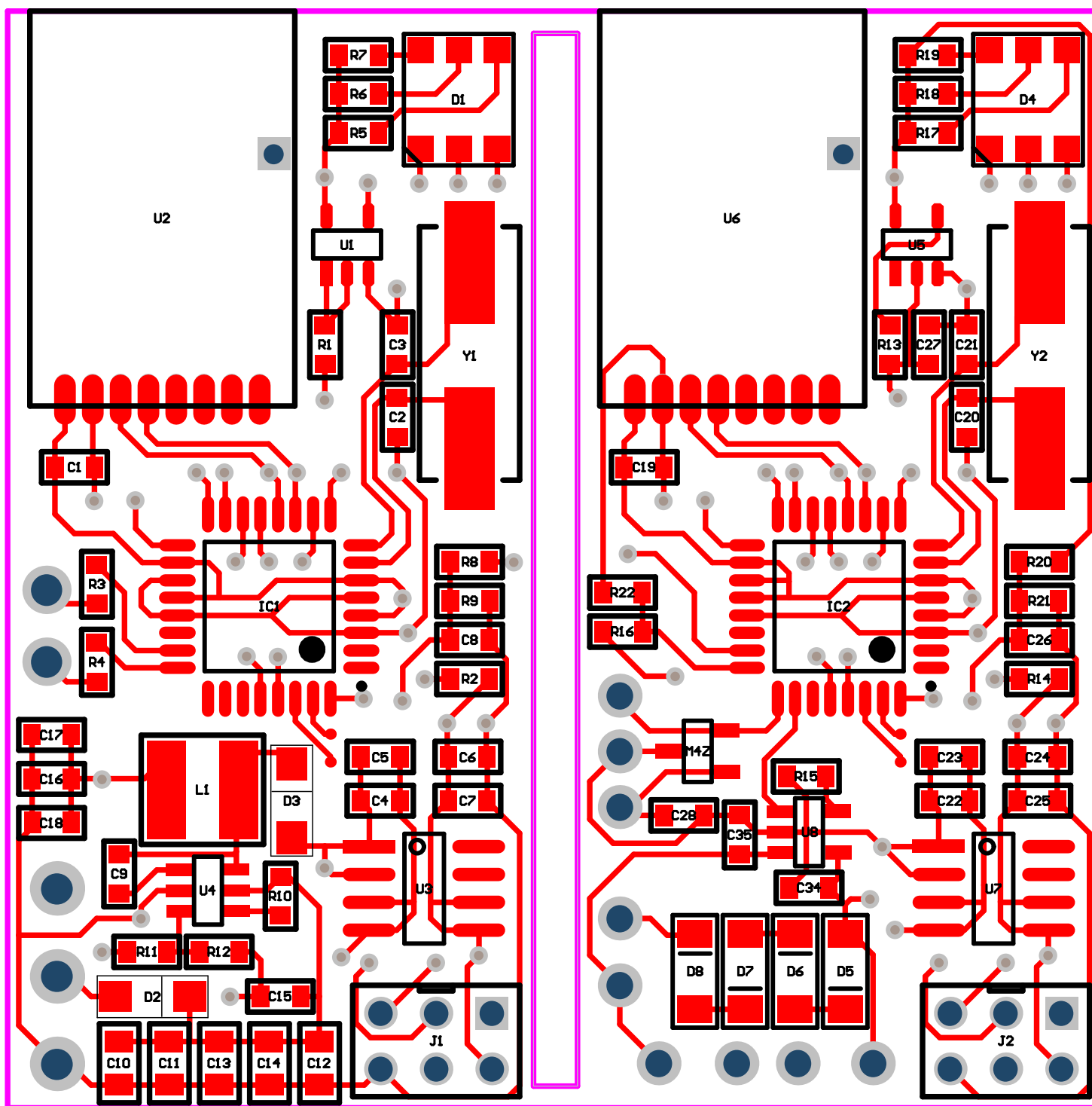
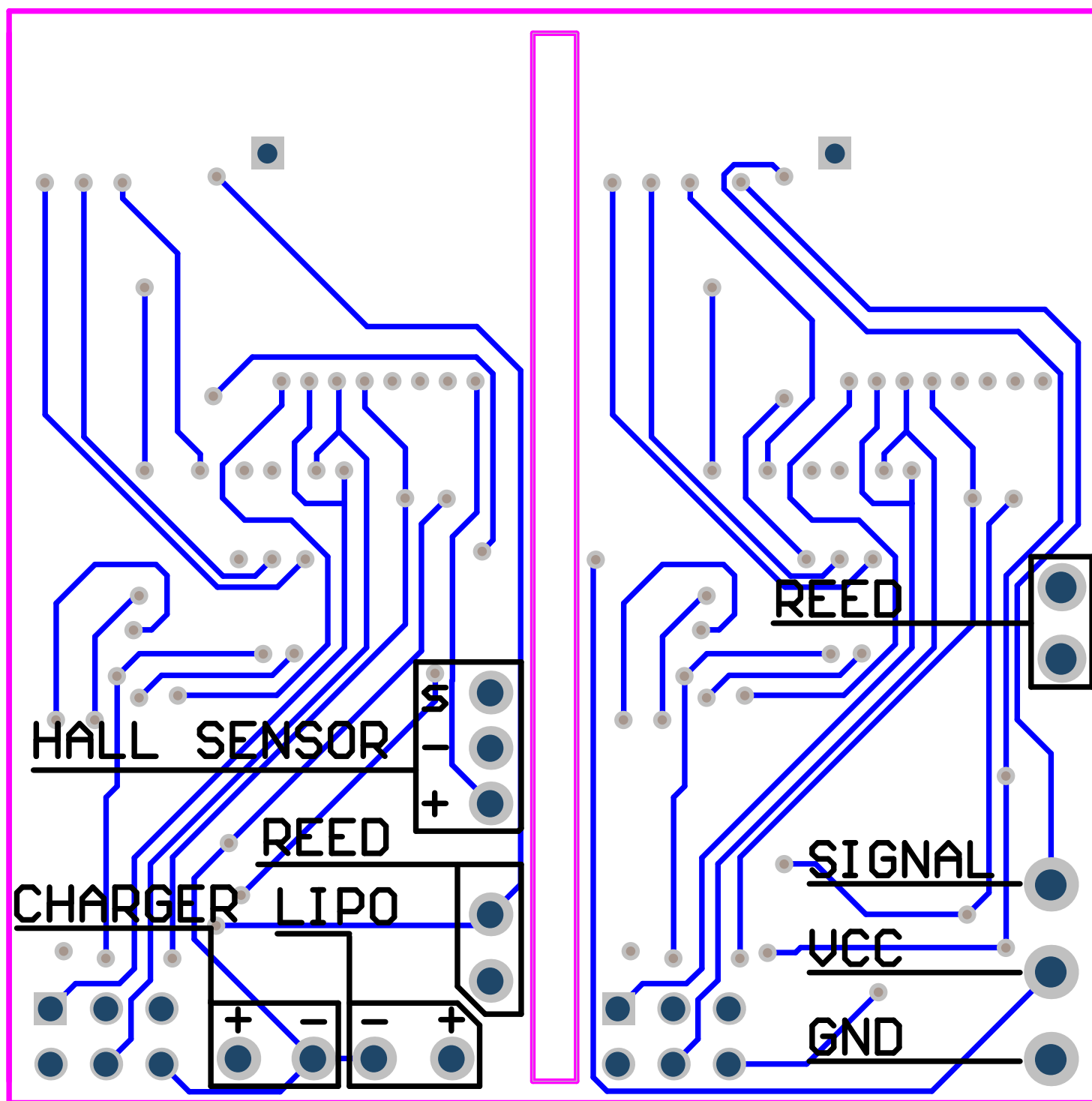
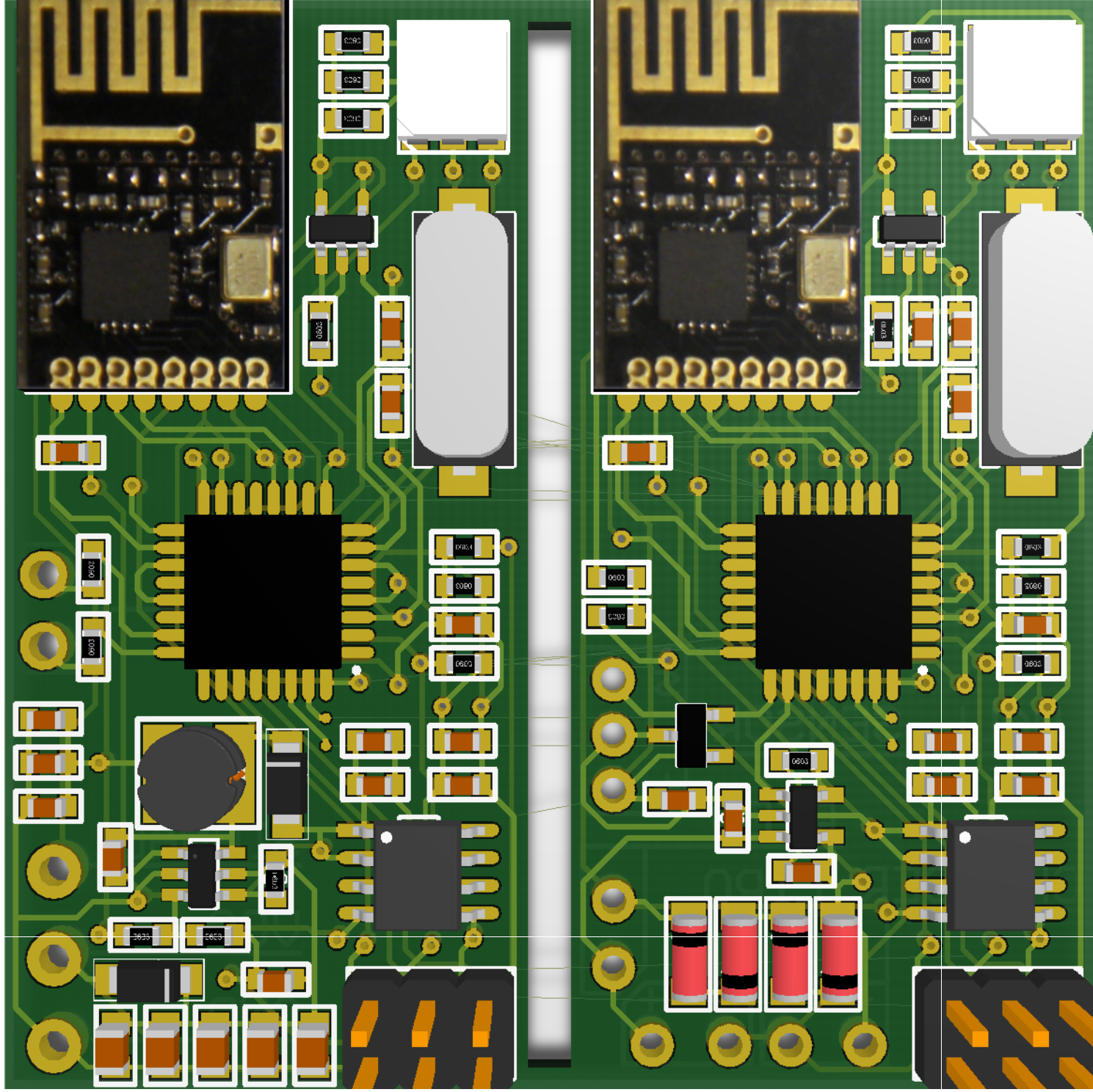


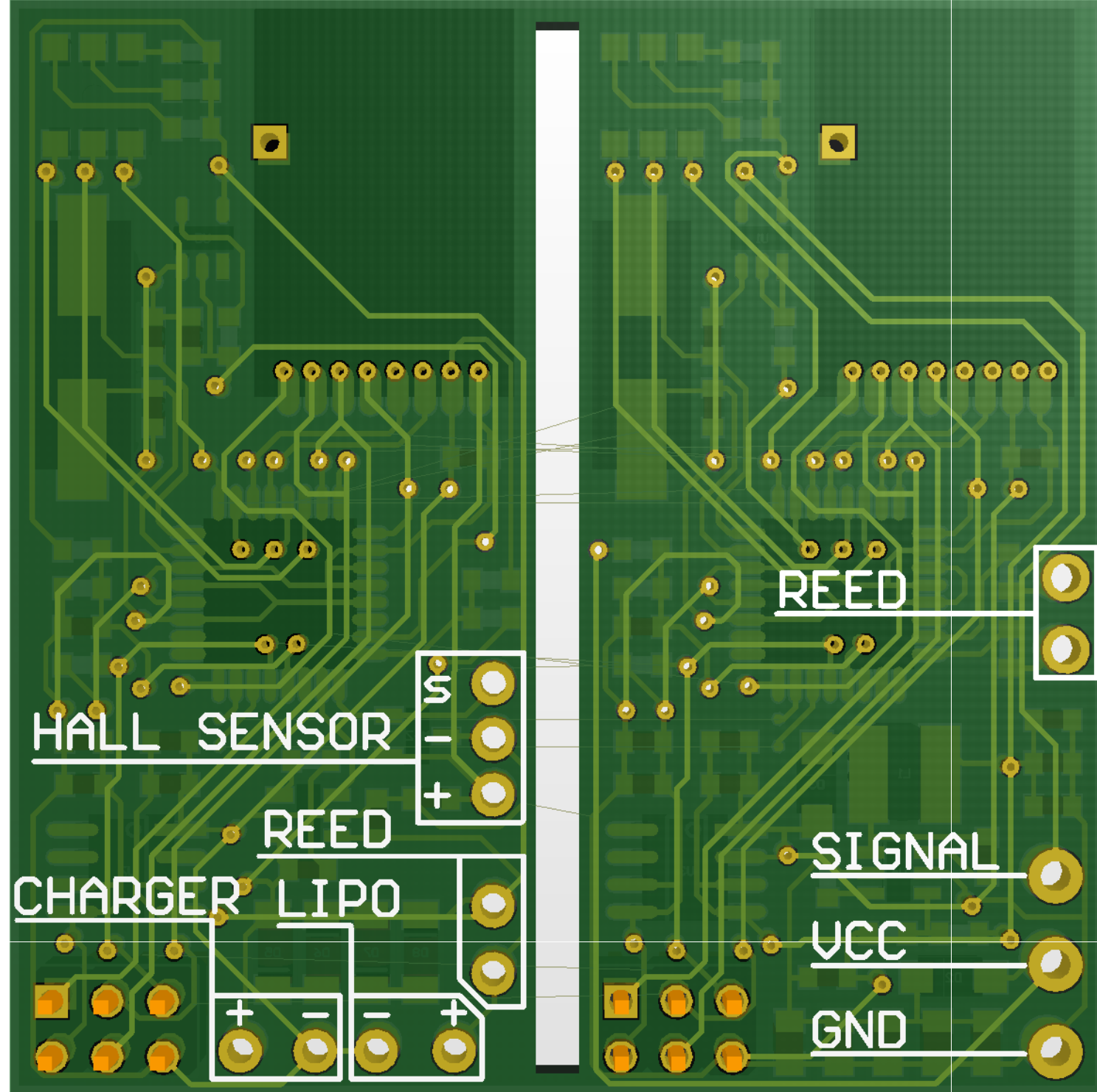
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RECEIVER			
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A4			
Date:	2016.02.19.	Sheet of	
File:	C:\SASA\Receiver.SchDoc	Drawn By:	kerteszasa@gmail.com

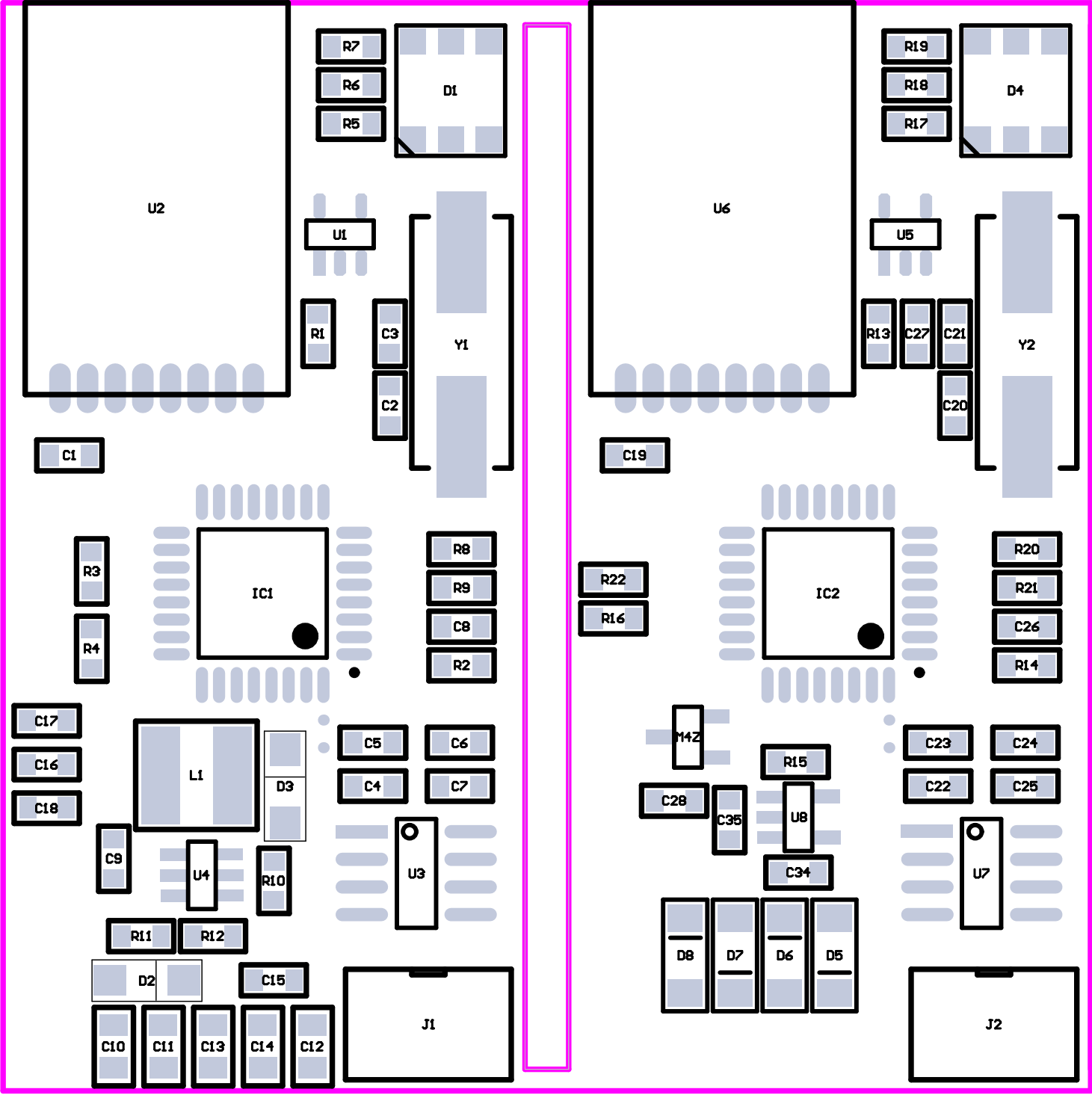


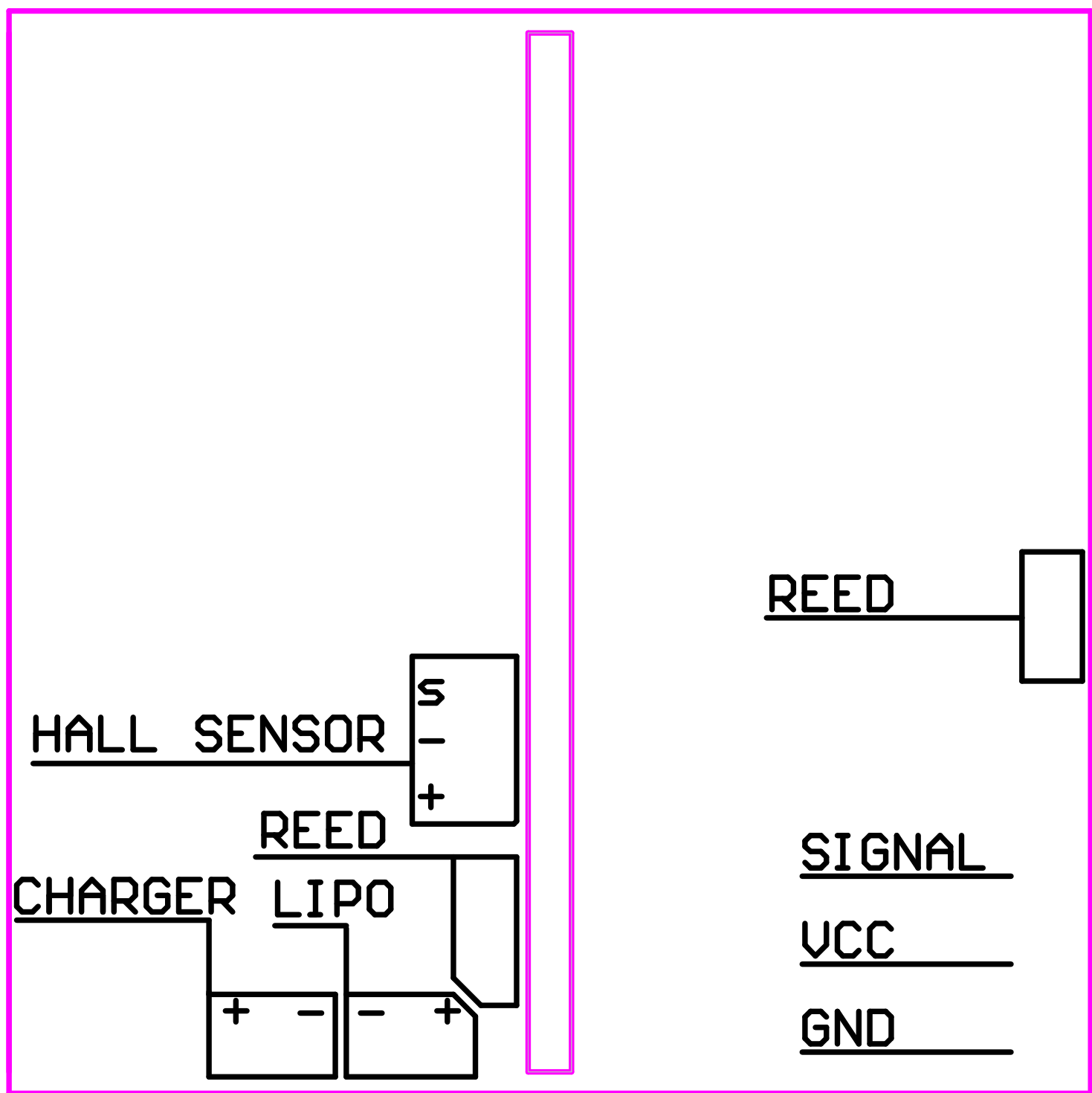














Comment	Description	Designator	Footprint	LibRef	Order Info	Quantity
10uF	Capacitor	C1, C2, C10, C17,	FP_0603_CAP_080	Cap	82-07-81	8
22p	Capacitor	C2, C3, C20, C21	FP_0603_CAP_080	Cap	82-02-18	4
1uF	Capacitor	C4, C22	FP_0603_CAP_080	Cap	82-08-08	2
100nF	Capacitor	C8, C8, C8, C15,	FP_0603_CAP_080	Cap	82-04-85, 82-06-23	8
2.2nF	Capacitor	C6, C24	FP_0603_CAP_080	Cap	82-02-41	2
1uF	Capacitor	C10, C11, C12, C13,	FP_0805_CAP_145	CAP	82-07-84	5
10nF	Capacitor	C27	FP_0603_CAP_080	Cap	82-07-81	1
RGB	LED_RGB_6_PIN	D1, D4	RGB_LED_5.0x5.0mm	LED_RGB_6_PIN	95-02-80	2
51ML	Diode	D2	subma	DIODE	83-05-35	1
SS26L	100V PMEG3020EJ,115 - SCHOTTKY RECT 30V 2A SOD323F	D3	subma	SCHOTTKY	83-02-21	1
1N4148	Diode 1N4148 SMD	D5, D6, D7, D8	SOD-80	DIODE_big	83-01-06	4
ATmega328	ATmega328	IC1, IC2	TQFP32_N	ATmega328	<a href="http://hu.mouser.com/Semiconductors/Embedded-Processors-Controllers/Microcontrollers-MCU/8-bit-Microcontrollers-MCU//N-aa85k7P=120y1468Keyword=atmega328&amp;FS=True&amp;Ns=Price%20">http://hu.mouser.com/Semiconductors/Embedded-Processors-Controllers/Microcontrollers-MCU/8-bit-Microcontrollers-MCU//N-aa85k7P=120y1468Keyword=atmega328&amp;FS=True&amp;Ns=Price%20</a>	2
18uH	Inductor	L1	SDR0403_IND_4.5x5mm	L	<a href="http://hu.mouser.com/ProductDetail/Bourns/SDR0403-180ML/?qs=12fha2pyFadugaUgAXzxcwLna1ckgY06S0a7jYHnPAq4GNeclMqyoAg%3d%3d">http://hu.mouser.com/ProductDetail/Bourns/SDR0403-180ML/?qs=12fha2pyFadugaUgAXzxcwLna1ckgY06S0a7jYHnPAq4GNeclMqyoAg%3d%3d</a>	1
A1324LLHLX-T	Hall-Effect Switch for High-Temperature Operation	M4Z	Sensee_hall_SOT23	A3122EUA	<a href="http://hu.mouser.com/ProductDetail/TexasInstruments/DRV5053RAQDR2RQ1/?qs=sGAEpiMZZMvhQ7WZhFIKk4ZLpHf2fVg8o7i2NpWWMhmTWs22EvLC2RA%3d%3d">http://hu.mouser.com/ProductDetail/TexasInstruments/DRV5053RAQDR2RQ1/?qs=sGAEpiMZZMvhQ7WZhFIKk4ZLpHf2fVg8o7i2NpWWMhmTWs22EvLC2RA%3d%3d</a>	1
1K	Resistor	R1, R12	FP_0603_RES	RES, Res3	80-11-59	2
10k	Resistor	R2, R3, R4, R5, R9, R14, R15, R16, R20, R21, R22	FP_0603_RES	Res3	80-11-68	11
560R	Resistor	R5, R6, R7, R17, R18, R19	FP_0603_RES	Res3	81-04-19	6
82k	Resistor	R10	FP_0603_RES	RES	81-10-49	1
5k1	Resistor	R11	FP_0603_RES	Res3	80-11-67	1
47k	Resistor	R13	FP_0603_RES	Res3	81-10-46	1
SN74AHC1G08	12VCMOS NOT AND-GATE	U1	GATE_SOT23-5	SN74AHC1G08	87-02-78	1
NRF24L01	2.4Ghz RF module	U2, U6	NRF24L01_SMD	NRF24L01	<a href="http://www.ebay.com/itm/Mini-NRF24L01-SMD-1-27MM-wireless-transceiver-module-Small-Size/321938267213?trk=adp2047675.c100005.m1851&amp;trkparms=ad%3D222007%26algn%3DSC.MBE%26src%3D%26base%3D20131003132420%26meid%3D79cec08809324ce588edcca11b962b5%26ipd%3D100005%26k%3D2%26k%3D6%26sd%3D131725655413">http://www.ebay.com/itm/Mini-NRF24L01-SMD-1-27MM-wireless-transceiver-module-Small-Size/321938267213?trk=adp2047675.c100005.m1851&amp;trkparms=ad%3D222007%26algn%3DSC.MBE%26src%3D%26base%3D20131003132420%26meid%3D79cec08809324ce588edcca11b962b5%26ipd%3D100005%26k%3D2%26k%3D6%26sd%3D131725655413</a>	2
TPS77733D	LDO Voltage Regulators Fast-Trans 750-mA	U3, U7	DIGITAL_SOIC8	TPS77733D	<a href="http://hu.mouser.com/ProductDetail/TexasInstruments/TPS77733D/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d">http://hu.mouser.com/ProductDetail/TexasInstruments/TPS77733D/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d</a>	2
MP2459	0.5A, 55V, 480kHz Step-Down Converter in a TSOT23-6	U4	Supply_SOT23-6	MP2459	<a href="http://hu.mouser.com/ProductDetail/Monolithic-Power-Systems-MPS/MP2459GJ-Z/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d">http://hu.mouser.com/ProductDetail/Monolithic-Power-Systems-MPS/MP2459GJ-Z/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d</a>	1
74AHC1G14	SCHMITT TRIGGER INVERTER	U5	GATE_SOT23-5	74AHC1G14	87-03-60	1
MCP73831	MCP73831 SOT23-5 Li-on batt charger	U8	SUPPLY_SOT23-5	MCP73831	<a href="http://hu.mouser.com/ProductDetail/Microchip-Technology/MCP73831T-2AC-OT/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d">http://hu.mouser.com/ProductDetail/Microchip-Technology/MCP73831T-2AC-OT/?qs=sGAEpiMZZMh4vWV0S0FuzzBFSSaOk9hM%3d</a>	1
16MHz	Standard HC49 quartz	Y1, Y2	FP_CRYSTAL_HC49	XTAL HC49	40-01-26	2