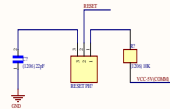


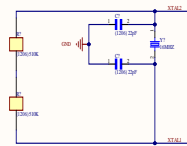
RESET PART



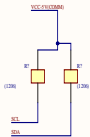
VCC & VREF PART



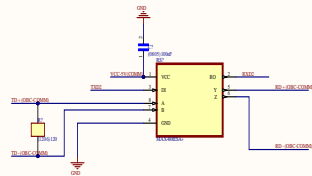
Crystal Part



I2C Pull-Up Resistor Part

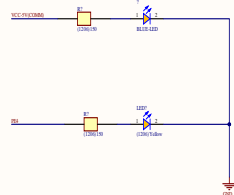


UART2-MAX488 Part

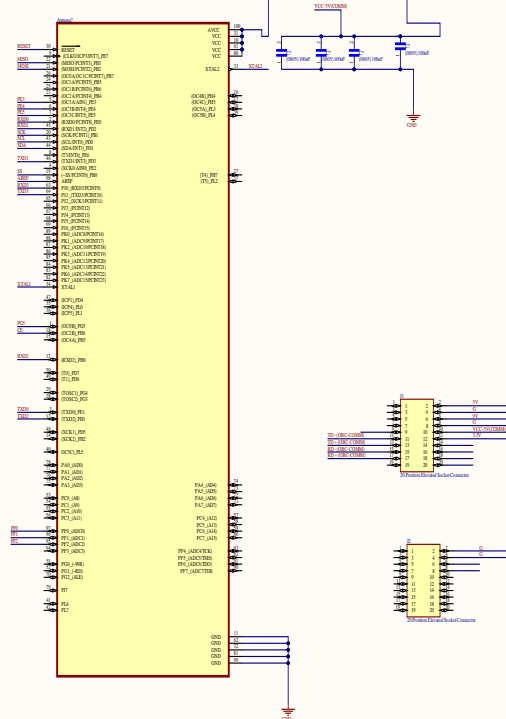


TX & RX LEDs PART

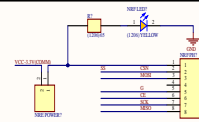
Test & Power LEDs



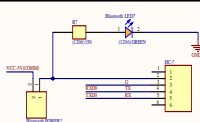
Micro-Controller Part



NRF Module



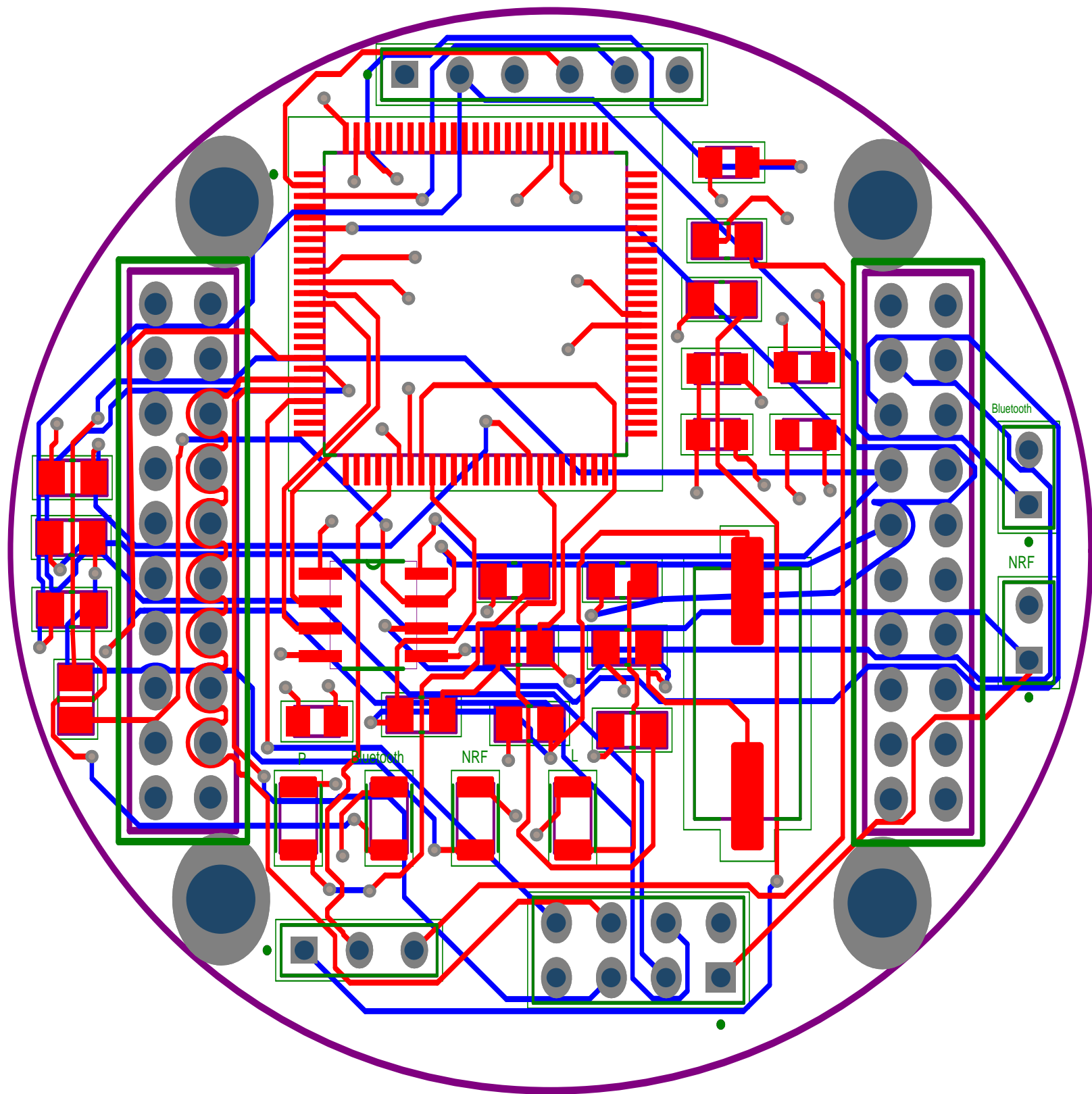
Bluetooth Module



Communication Devices Part

EUTS & Signal Part





Comment	Description	Designator	Footprint	LibRef	Quantity
BLUE-LED	LED SMD 1206 High Quality Forward Voltage: 3.2 V Brightness: 700 mcd	?	RESC3015X65-01	LED 1206	1
		Atmega?	QFP50P1600X1600X1 20-100N	ATMEGA2560-16AU	1
(1206) GREEN	LED SMD 1206 High Quality Forward Voltage: 3.2 V Brightness: 700 mcd	Bluetooth LED?	RESC3015X65-01	LED 1206	1
2 Position PinHeader	Cabezal del conector Agujero pasante 2 posiciones 0,100 (2,54 mm)	Bluetooth POWER?, NRE POWER?	TE_2-103327-2	2 Position PinHeader	2
(0805) 100nF	UMK212SD103KD- T/CAP CER 10000PF 50V 0805	C?	CAPC2012X95N-0	Capacitor 0805	6
(1206) 22pF	UMF316B7103KFHT/1 206 Capacitor	C?	CAPC3216X125N0	Capacitor 1206	3
6 Position PinHeader 1Row	Connector Header Through Hole 6 position 0.100 (2.54mm)	HC?	TE_6-146285-6	6 Position PinHeader 1Row	1
20 Position Elevated Socket Connector	20 Position Elevated Socket Connector Through Hole	J1, J2	ESQ-110-XX-X-D	20 Position Elevated Socket Connector	2
(1206) Yellow	LED SMD 1206 High Quality Forward Voltage: 3.2 V Brightness: 700 mcd	LED?, NRF LED?	RESC3015X65-01	LED 1206	2
8 Position PinHeader 2Row	08 MODII HDR DRST B/A.100CLLF	NRF PH?	TE_8-146256-8	8 Position PinHeader 2Row	1
(1206)		R?	CAPC3216X125N0	Resistor 1206	2
(1206) 10K		R?	CAPC3216X125N0	Resistor 1206	1
(1206) 65		R?	CAPC3216X125N0	Resistor 1206	1
(1206) 120		R?	CAPC3216X125N0	Resistor 1206	1
(1206) 150		R?	CAPC3216X125N0	Resistor 1206	3
(1206) 510K		R?	CAPC3216X125N0	Resistor 1206	2
3 Position PinHeader 1Row	Conn Unshrouded Header HDR3 POS 2.54mm Solder ST Thru- Hole Carton	RESET PH?	TE_3-103327-3	3 Position PinHeader 1Row	1
MAX488ESA+	1/1 Transceiver Full RS422, RS485 8-SOIC	RS?	SOIC127P600X175- 8N0	MAX488ESA+	1
16MHZ		Y?	XTAL1140X490X430N- 0	Crystal 16MHZ	1