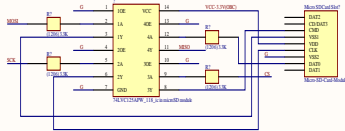
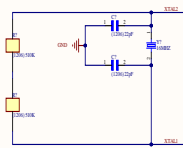


RESET PART



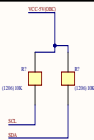
MICRO SD-CARD PART



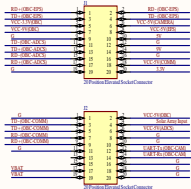
Crvstal Part



VCC & VREF PART

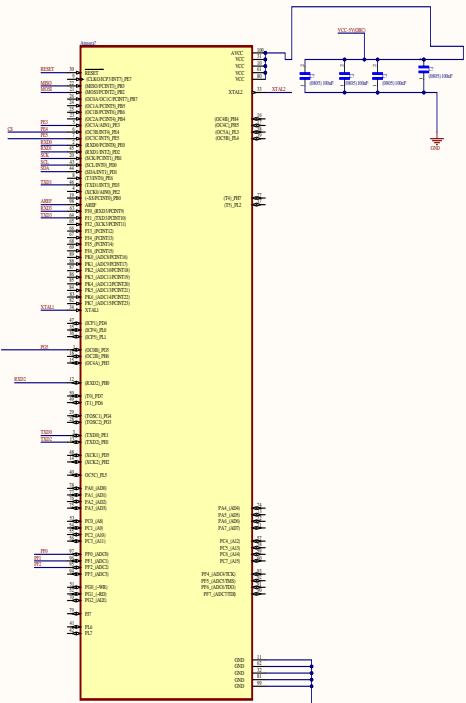


I2C Pull-Up Resistor Part

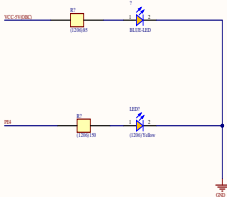


EUTS & Signal Part

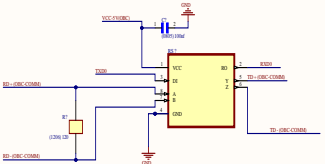
TX & RX LEDs PART



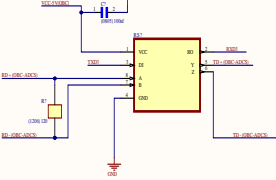
Micro-Controller Part



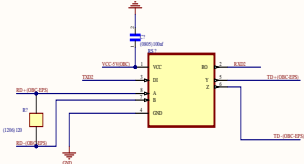
Test & Power LEDs



UART0-MAX488(COMM) Part

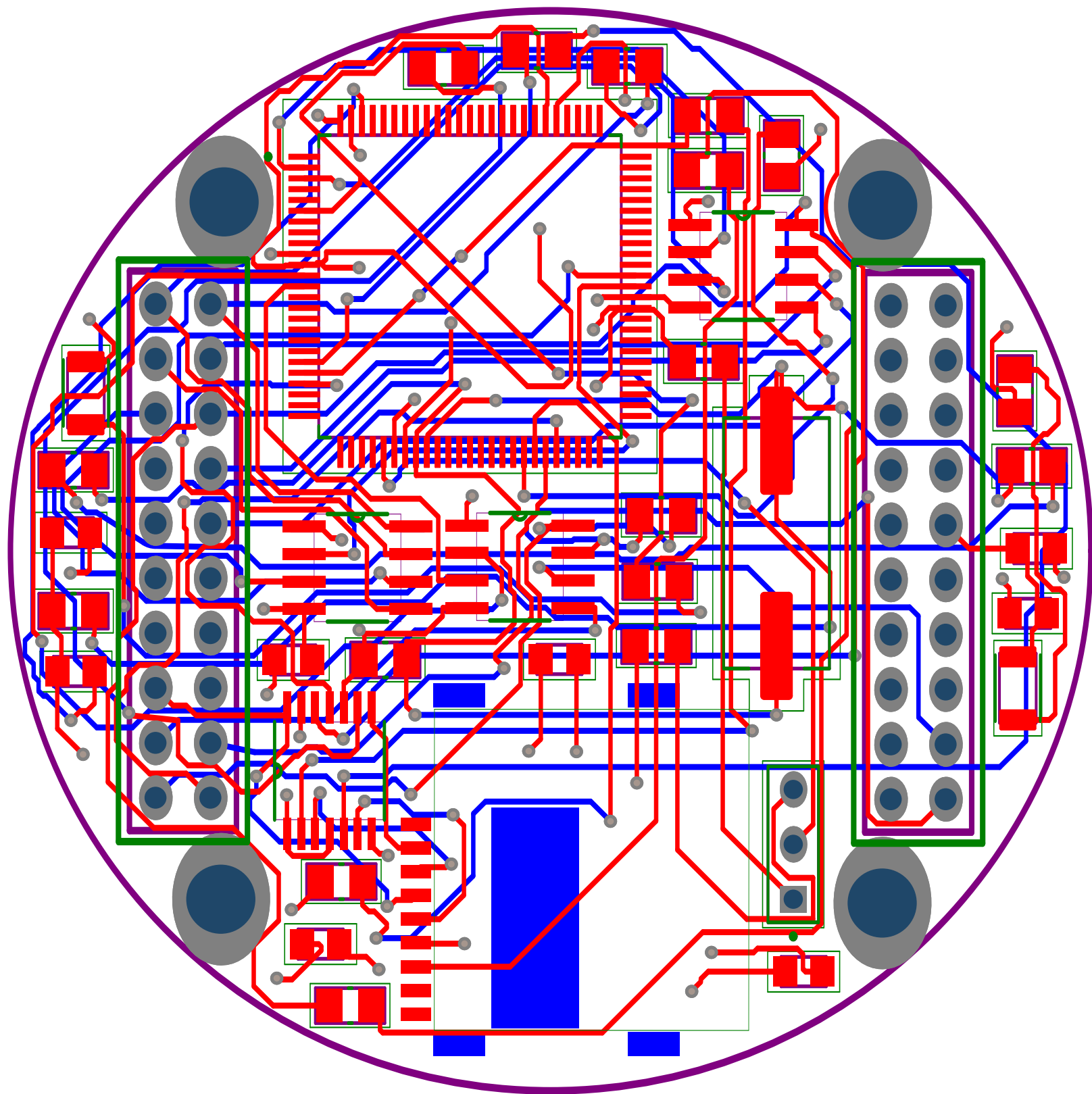


UART3-MAX488(ADCS) Part



UART2-MAX488(EPS) Part

Rev		
Rev	Rev	Rev
Rev	Rev	Rev
Rev	Rev	Rev



Comment	Description	Designator	Footprint	LibRef	Quantity
74LVC125APW_118_ic in microSD module		?	SOP65P640X110-14N	74LVC125APW_118_ic in microSD module	1
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
(0805) 100nF	UMK212SD103KD- T/CAP CER 10000PF 50V 0805	C?	CAPC2012X95N-0	Capacitor 0805	8
(1206) 22pF	UMF316B7103KFHT/1 206 Capacitor	C?	CAPC3216X125N0	Capacitor 1206	3
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?	RESC3015X65-01	LED 1206	1
Micro-SD-Card- Module		Micro SDCard Sot?	SD-Card-Module	Micro-SD-Card- Module	1
(1206) 3.3K		R?	CAPC3216X125N0	Resistor 1206	4
(1206) 10K		R?	CAPC3216X125N0	Resistor 1206	3
(1206) 85		R?	CAPC3216X125N0	Resistor 1206	1
(1206) 120		R?	CAPC3216X125N0	Resistor 1206	3
(1206) 150		R?	CAPC3216X125N0	Resistor 1206	1
(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
	1/1 Transceiver Full RS422, RS485 8-SOIC	RS?	SOIC127P600X175- 8N0	MAX488ESA+	3
16MHZ		Y?	XTAL1140X490X430N- 0	Crystal 16MHZ	1