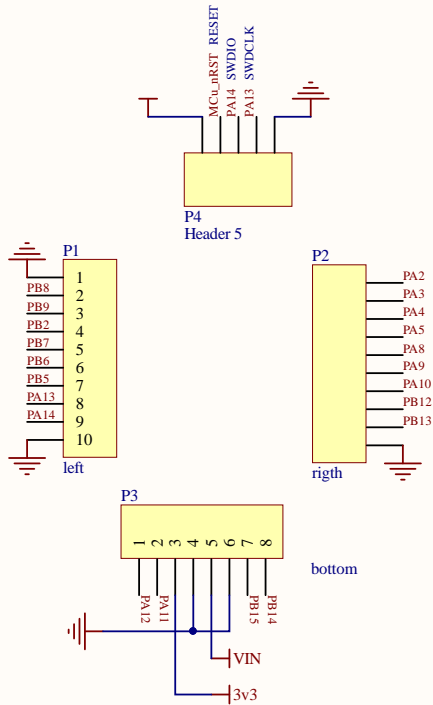
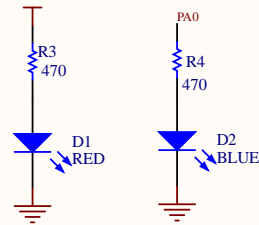


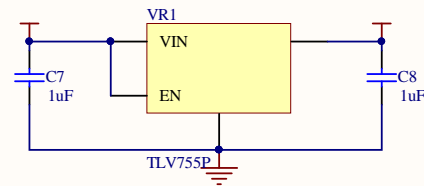
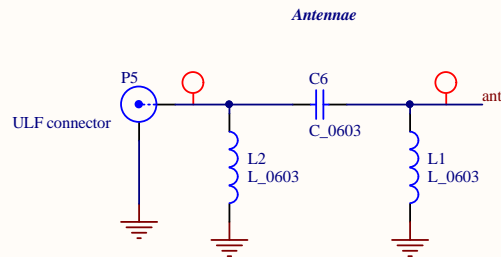
Connectors



Status LEDs

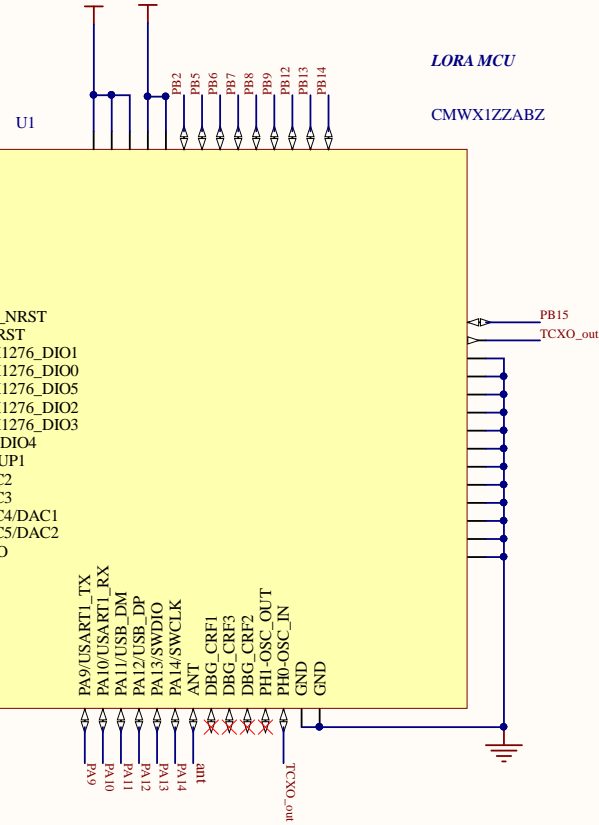


Power Supply

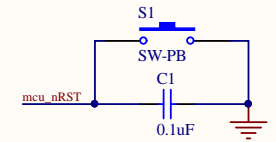


LORA MCU

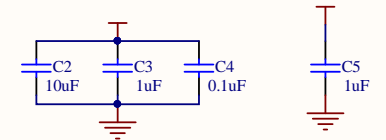
CMWX1ZZABZ



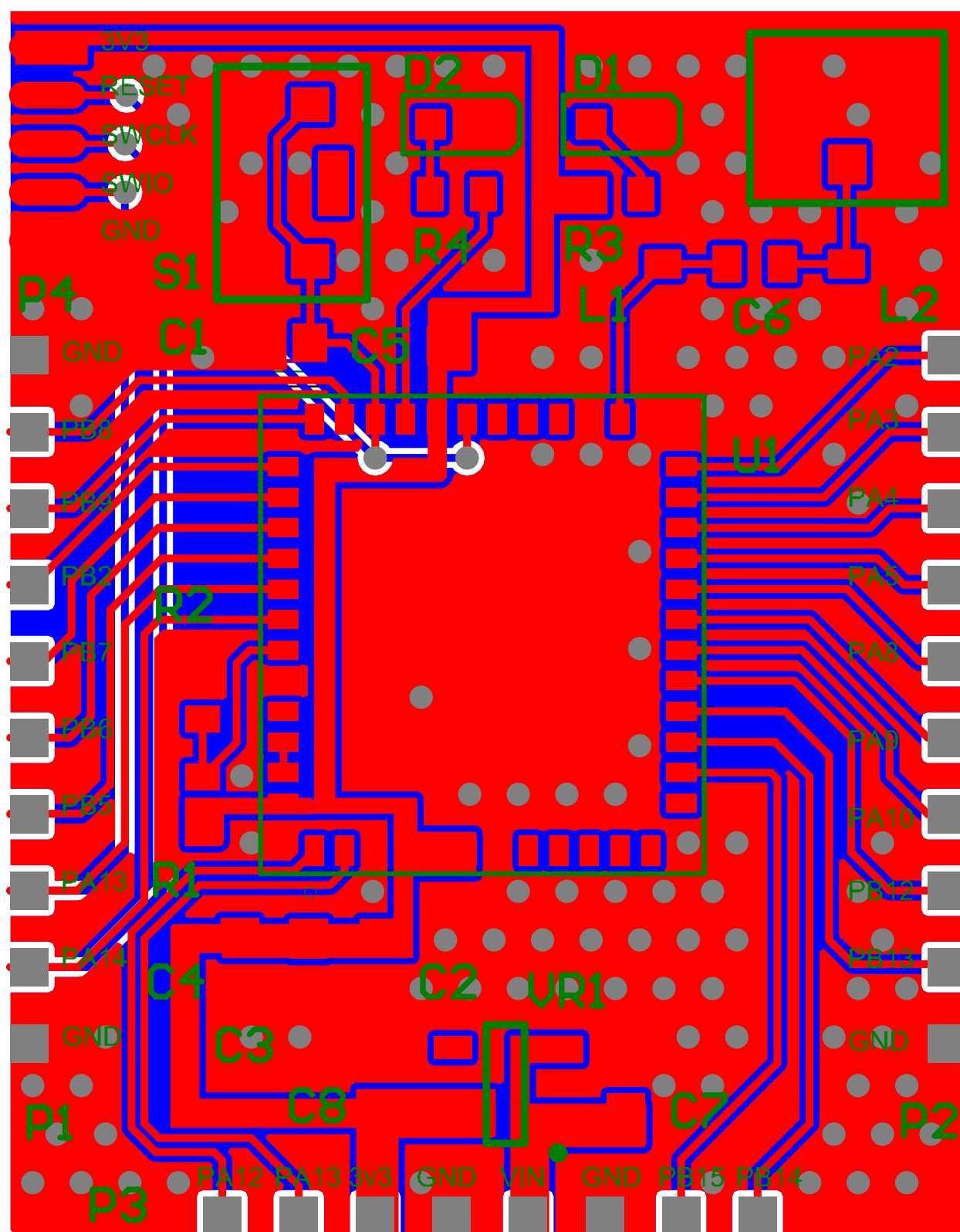
Reset Button



Decoupling Capacitors



Title		
Size A4	Number	Revision
Date: 2/11/2019	Sheet of	
File: D:\OneDrive\...\mcu.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
Multilayer Ceramic Capacitors MLCC - SMD/SMT 25V 0.1uF 0603 X7R 0.05	Capacitor	C1, C4	Chip2PinKEMETcap	Cap	2
Multilayer Ceramic Capacitors MLCC - SMD/SMT 10UF 6.3V 10% 0603	Capacitor	C2	ChipMURATAcap_0603	Cap	1
Multilayer Ceramic Capacitors MLCC - SMD/SMT WCAP-CSGP 1uF 0603 10% 16V MLCC	Capacitor	C3, C5, C7, C8	Chip2PinWURTcap	Cap	4
Cap	Capacitor	C6	ChipMURATAcap_0603	Cap	1
RED	Typical INFRARED GaAs LED	D1	Wurth_LED_0603	LED0	1
BLUE	Typical INFRARED GaAs LED	D2	Wurth_LED_0603	LED0	1
Inductor	Inductor	L1, L2	ChipMURATAcap_0603	Inductor	2
left	Header, 10-Pin	P1	EdgeConnecto-10PIN	Header 10	1
right	Header, 10-Pin	P2	EdgeConnecto-10PIN	Header 10	1
bottom	Header, 8-Pin	P3	EdgeConnecto-8PIN	Header 8	1
Header 5	Header, 5-Pin	P4	SFConnector-5PIN	Header 5	1
ULF connector	BNC Elbow Connector	P5	ULFConnector	BNC	1
Res1	Resistor	R1	ChipYAGEO_0603	Res1	1
Thick Film Resistors - SMD 10K OHM 1%	Resistor	R2	ChipYAGEO_0603	Res1	1
Thick Film Resistors - SMD 470 ohm 1% 1/10W AEC-Q200	Resistor	R3, R4	ChipYAGEO_0603	Res1	2
SW-PB	Switch	S1	SWITCH	SW-PB	1
CMWX1ZZABZ	RF MODULE 860-930MHz 12.5x11.6x1.76mm 3.3Vdc	U1	XCVR_CMWX1ZZABZ078	CMWX1ZZABZ	1
TLV755P	LDO Voltage Regulator	VR1	SOT23-TLV755P	TLV75533PDBVR	1