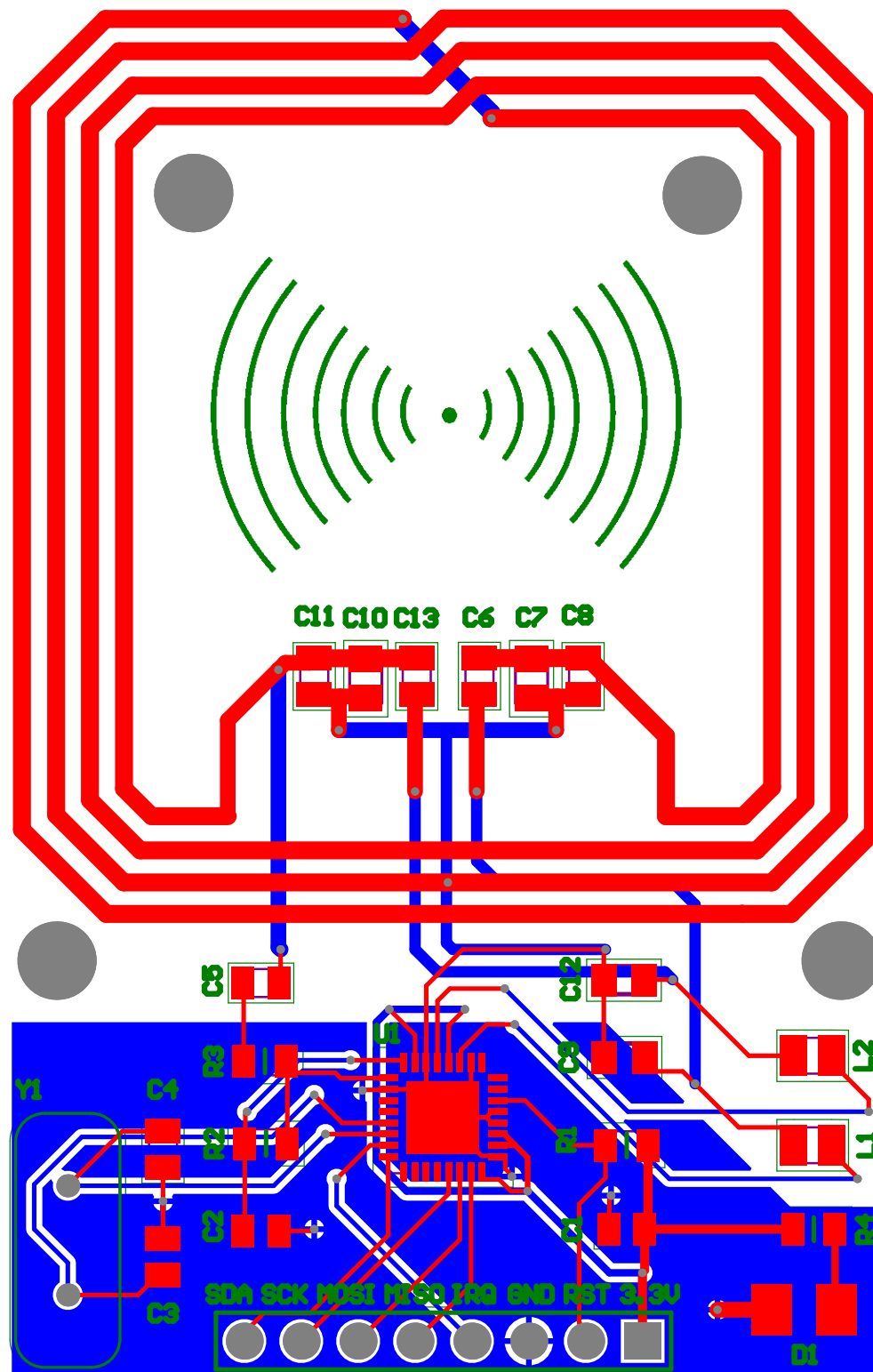


Title		
EN2160 Read Circuit		
Size	Number	Revision
A4	2	1.2
Date:	4/14/2024	Sheet of 1 of 1
File:	C:\Users\...\Sheet1.SchDoc	Drawn By: L.C.S. Perera



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C2, C5	0.1u	0.1uF	3
15pF	Capacitor	C3, C4, C6, C13	15pf	C0805X150F4HACAUTO	4
10pF	Ceramic Multilayer Capacitor; Capacitor Type:General Purpose; Capacitance:10pF; Capacitance Tolerance:Â± 5%; Voltage Rating:50V; Capacitor Dielectric Type:Multilayer Ceramic; Package/Case:0805; Termination Type:SMD ;RoHSCompliant: Yes	C7, C10	10pf	C0805C100J5GACTU	2
180pf	Capacitor	C8, C11	15pf	C0805C181F1GACTU	2
47pF	Capacitor	C9, C12	47pf	C0805C470JDGACTU	2
150141BS73100	LED	D1	LEDM3528X210N	150141BS73100	1
PIN_OUT	Connector	J1	8X1	61300811121_1	1
2.2uH	Inductor	L1, L2	2.2U	ASMPM-0806-2R2M-T	2
10K	Resistor	R1	10k	CR0805-FX-1002ELF	1
820R	Resistor	R2	820	0805W8F8200T5E	1
5.1K	Resistor	R3	5.1k	CR0805-FX-5101ELF	1
5R	Resistor	R4	1k	CHP0805AFX-1002ELF1k	1
MFRC52202HN1,115	Integrated Circuit	U1	MFRC522	MFRC52202HN1,115	1
27.120MHz	Crystal or Oscillator	Y1	27.120	ABLS-27.120MHZ-B4-F-T	1

