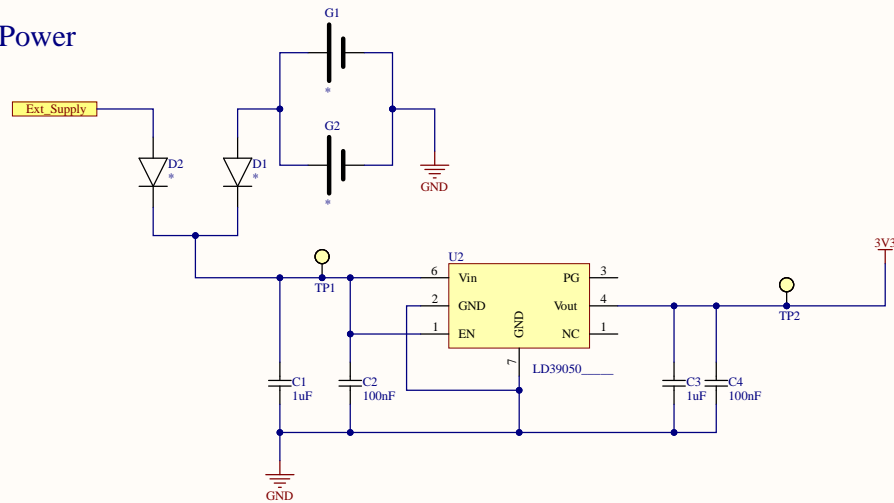
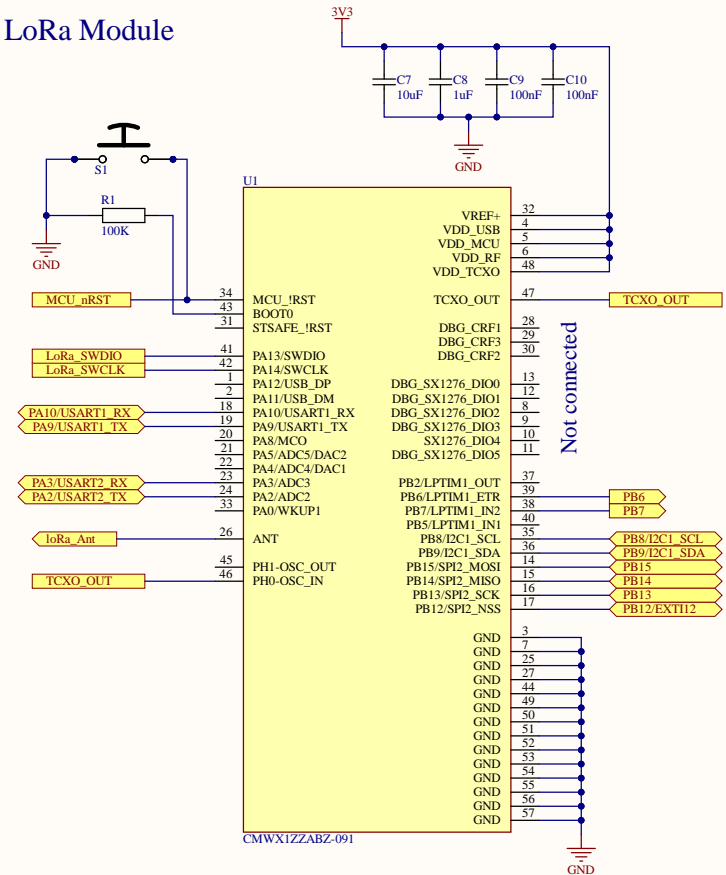


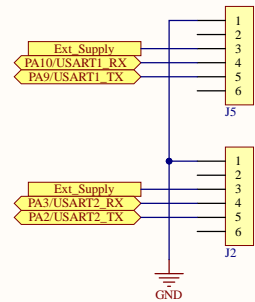
## Power



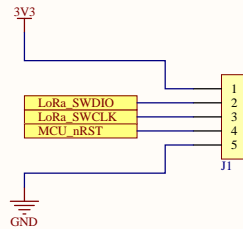
## LoRa Module



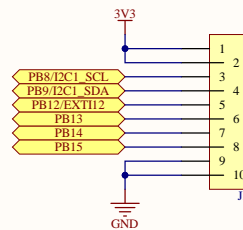
## UART connector



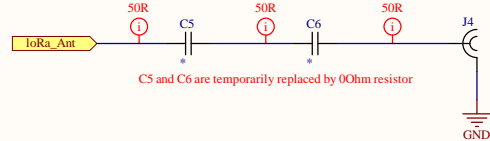
## Programming connector



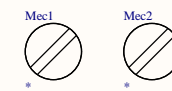
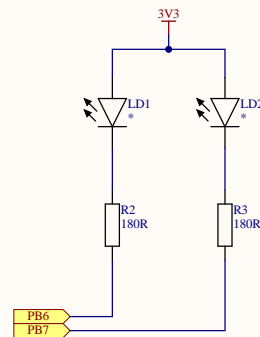
## Sensors Connector



## Antenna



## LEDs



stm32LoRaAccel.PrjPcb

stm32LoRaAccel.SchDoc

Revision : 1.0

Sheet 1 of 1

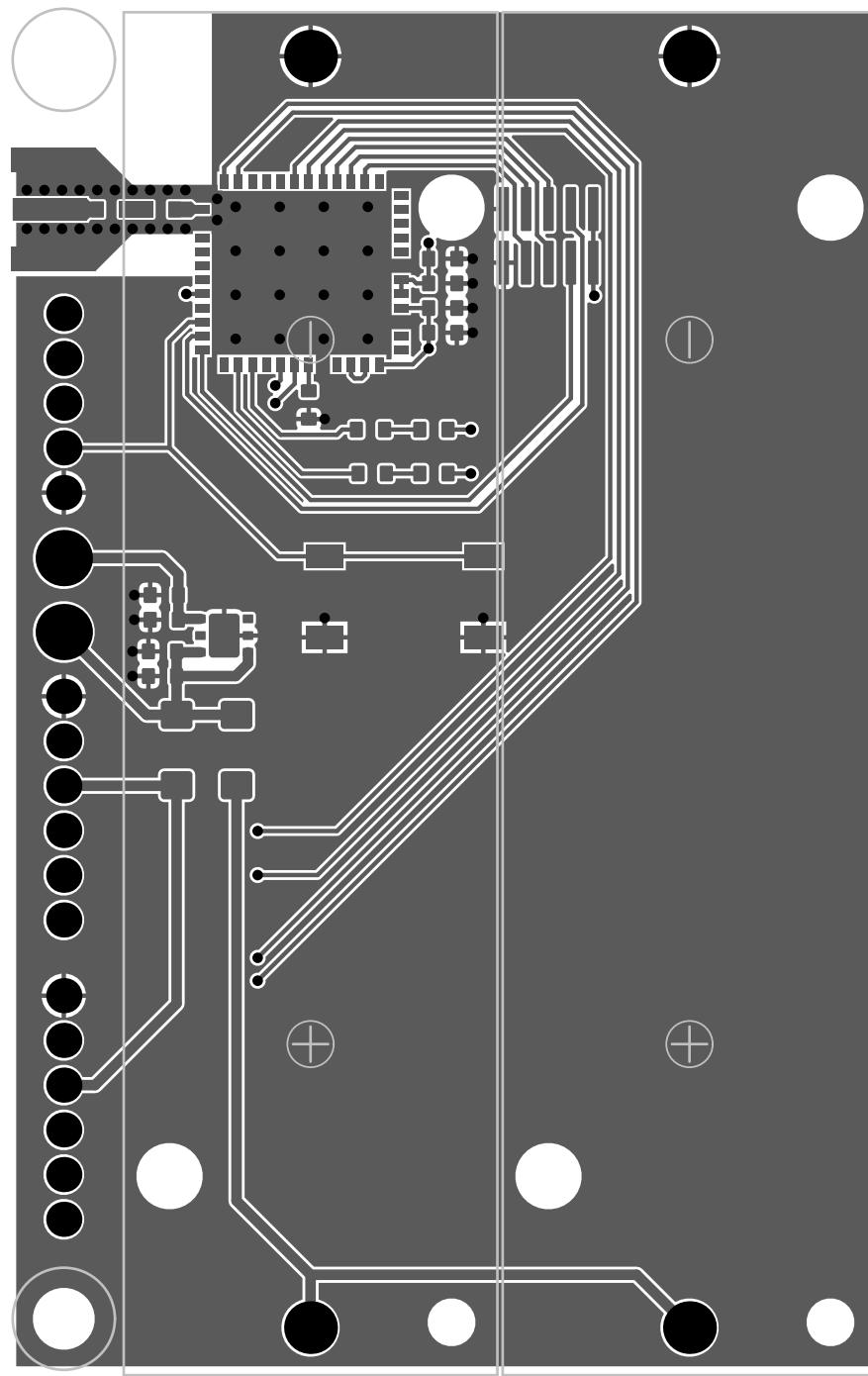
Design by : Stoeri P.

P:\PCB\Student\TSTD\Stoeri Pablo\stm32&LoRa\stm32LoRaAccel.SchDoc

Hes·SO VALAIS WALLIS

Date : 19.06.2023





Name	Description	Designator	Quantity	Footprint	TargetPrice	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
1uF	Capacitor	C1, C3, C8	3	CAPACITOR 1608 REFLOW	0							
100nF	Capacitor	C2, C4, C9, C10	4	CAPACITOR 1608 REFLOW	0							
	Capacitor	C5, C6	2	CAPACITOR 1608 REFLOW	0							
10uF	Capacitor	C7	1	CAPACITOR 1608 REFLOW	0							
	Diode generic 2 leads	D1, D2	2	DIODE DO-214AC (SMA)	0							
	Battery Generic	G1, G2	2	Battery Holder Keystone 18650 TH 1131	0							
	Plug connector	J1	1	PinHeader1x5 P2.54	0							
	Plug connector	J2, J5	2	PinHeader1x6 P2.54	0							
	Plug connector	J3	1	PinHeader2x5 P1.27 SMD H5.9	0							
CON SMA001-G	SMA EDGE SAMTEC SMA-J-P-H-ST-EM1	J4	1	SMA EDGE SAMTEC SMA-J-P-H-ST-EM1	0							
	LED generic	LD1, LD2	2	LED 1608 REFLOW	0							
	Screw Unconnected BN330	Mec1, Mec2	2	Screw M3X5 Unconnected	0							
100K	Resistor	R1	1	RESISTOR 1608 REFLOW	0							
180R	Resistor	R2, R3	2	RESISTOR 1608 REFLOW	0							
	Push Button, 4 pins, 2 poles parallèle	S1	1	Push Button C6.0x6.0 TE FSM-2J-SMA	0							
	Test Point	TP1, TP2	2	Test Point Keystone Compact BLUE	0							
CMWX1ZZABZ-091	General ISM < 1GHz LoRaWan Transceiver Module 868MHz, 915MHz Surface Mount	U1	1	CMWX1ZZABZ-091	0							
LD39050_____	500mA low quiescent current and low noise voltage regulator	U2	1	DFN6 P0.95 T1.75X2.50 C3.0X3.0 H1.0	0							