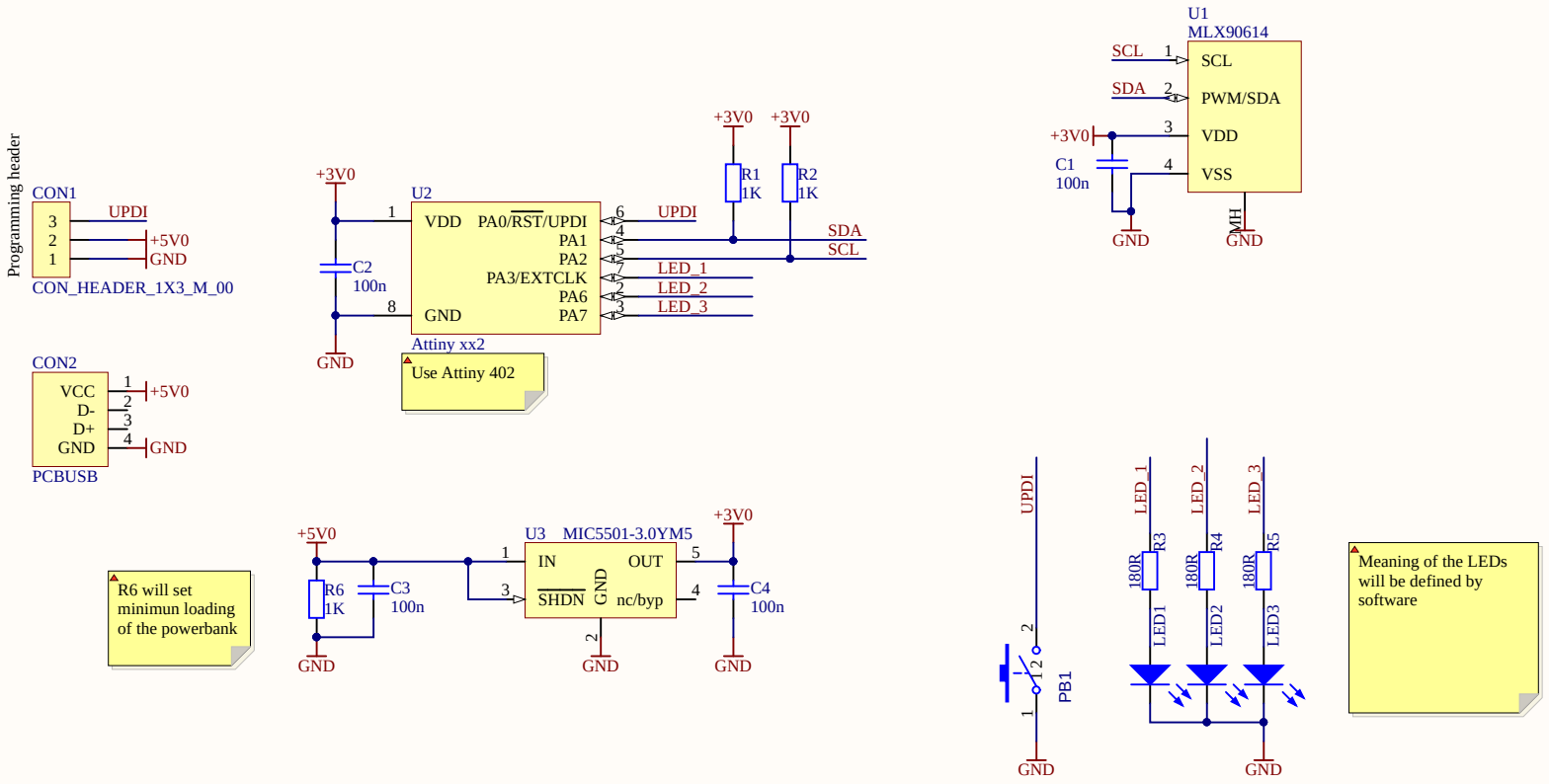
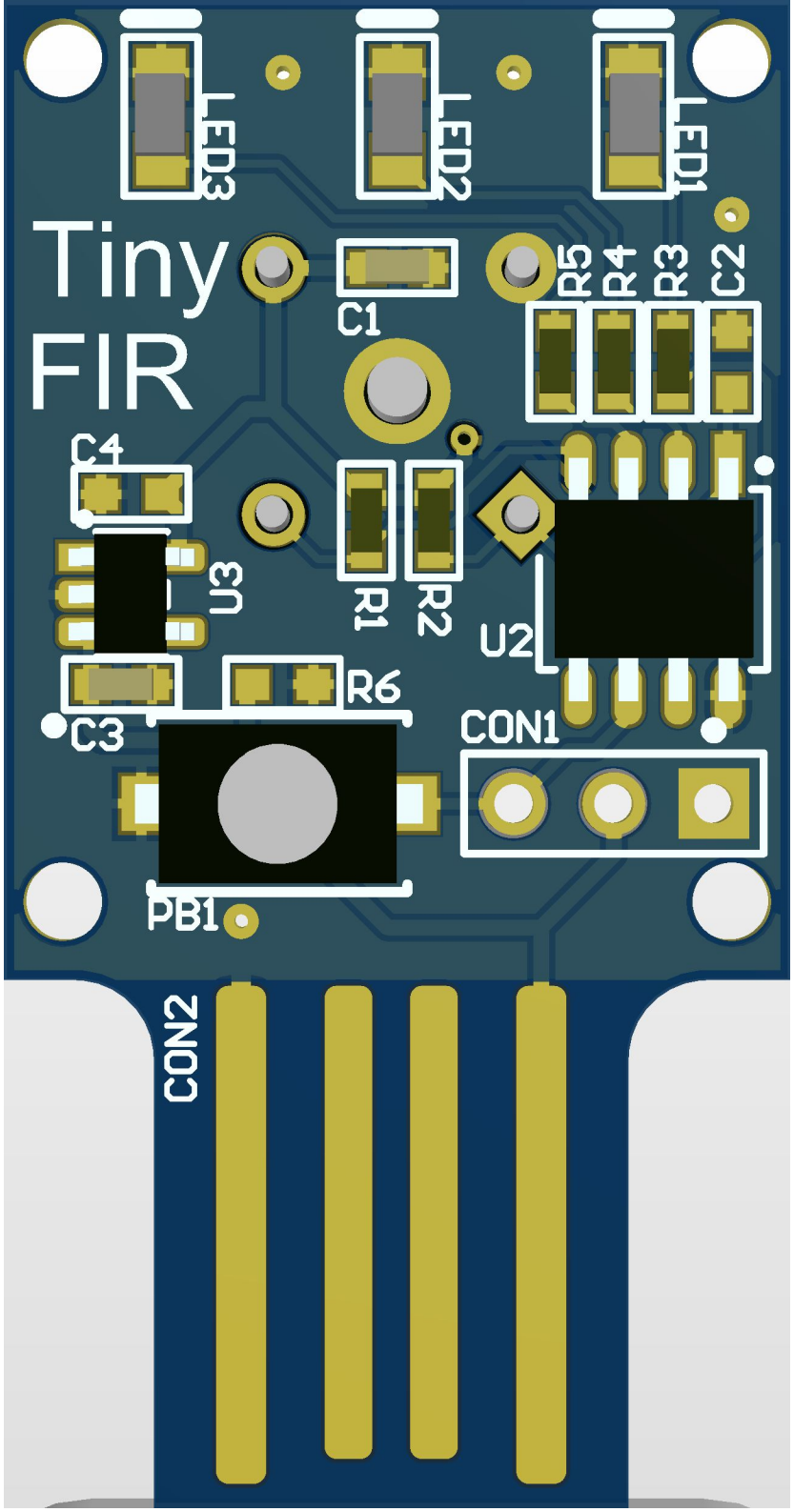


Title	**Tiny FIR**	
Size: A4	Number:	Revision: **V1.0**
Date: 20/03/2020		Sheet **1** of **1**
File: C:\projects\..\TinyFIR.SchDoc		Drawn By: **Max Vandenbussche**


U1
Make In
Belgium

Designator	Quantity	Comment	Description	Footprint
C1, C3	2	100n	CAPACITOR Ceramic Multi-Layer X7R; 100nF; 50V; 0603; Tolerance, +/-10%; Temp, op.	CAPC1608[0603]N
LED1	1	KP-2012MGC	LED SMD 0805 mega green clear	DIO2012[0805]
LED2	1	KP-2012SYC	LED SMD 0805 super bright yellow clear	DIO2012[0805]
LED3	1	KP-2012SRC	LED SMD 0805 super bright red clear	DIO2012[0805]
PB1	1	SW_PB_SPST_KSR221GLFS	Tact Switch, Single Contact, Normal Open	SW_SPST_KSR221GLFS
R1, R2	2	1K	Resistor Thick Film; 1K; 0603; 0.1W; 1%; 50V; 100ppm/DegC	RESC1608[0603]N
R3, R4, R5	3	180R	Resistor Thick Film; 180R; 0603; 0.1W; 1%; 50V; 100ppm/DegC	RESC1608[0603]N
U1	1	MLX90614	MLX90614, Socket TO39-4pin, Wells 611-1042314	TO39_4_F_00
U2	1	Attiny xx2	AVR® Microcontroller with Core Independent Peripherals	SOIC127P600-8_straight
U3	1	MIC5501-3.0YM5	Voltage Regulator, Fixed LDO, Vo=+1.2V, Io=150mA, SOT23-5	SOT23-5


Tiny
FIR
LED3
LED2
LED1
C1
R5
R4
R3
C2
C4
U3
R1
R2
U2
R6
C3
CON1
PB1
CON2