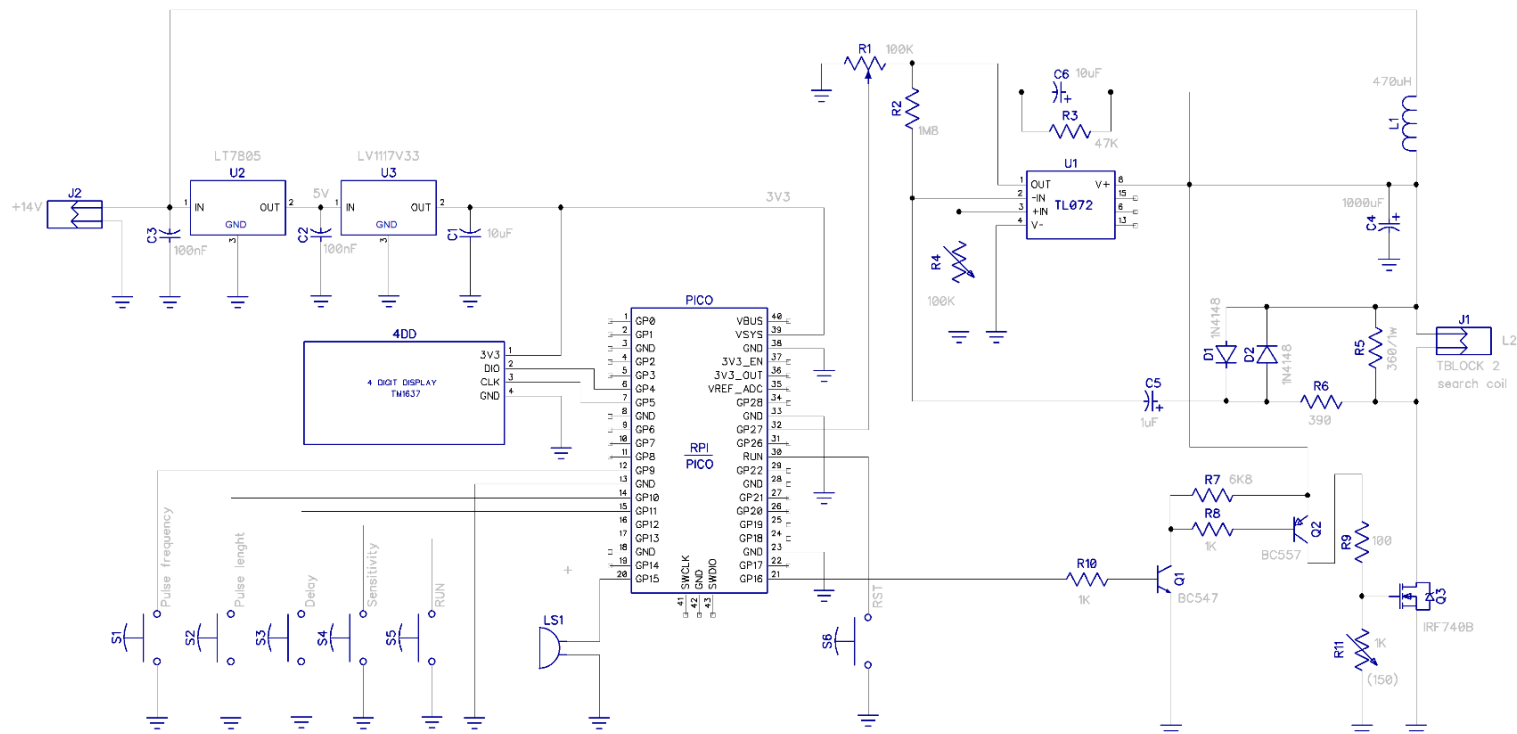


Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Designed by		Checked by	Approved by - date - 00/00/00	File name	Date 20/03/2021	Scale 1:1
				Edition 0		
				Sheet 1/1		

RefDes	Description	Value
4DD	4 digit display	TM1637
PIC0	MCU	RPI PIC0
U1	Op Amp..	TL072
U2	Voltage regulator	LT7805CV
U3	Voltage regulator	LT1117V33
Q1	Transistor	BC547B
Q2	Transistor	BC557B
Q3	MOSFET	IRF740B
D1	Diode	1N4148
D2	Diode	1N4148
R1	Trimmer	100K MT
R2	Resistor	1.8M/0.25w
R3	Resistor	47K/0.25w
R4	Trimmer	100K MT
R5	Resistor	3680hm/1w
R6	Resistor	3900hm/0.25w
R7	Resistor	6.8K/0.25w
R8	Resistor	1K/0.25w
R9	Resistor	1000hm/0.25w
R10	Resistor	1K/0.25w
R11	Trimmer	1K MT
C1	Capacitor (polarised)	10uF/25V
C2	Capacitor	100nF/500V
C3	Capacitor	100nF/500V
C4	Capacitor (polarised)	1000uF/6.3V
C5	Capacitor (polarised)	1uF/25V
C6	Capacitor (polarised)	10uF/25V
L1	Inductance	470uH
L2	Search coil	see expl. below
LS1	Passive buzzer	3.3-24v
S1	Pushbutton (NO)	9x9mm
S2	Pushbutton (NO)	9x9mm
S3	Pushbutton (NO)	9x9mm
S4	Pushbutton (NO)	9x9mm
S5	Pushbutton (NO)	9x9mm



35 turns of isolated copper wire with 0.5 mm diameter, on 120mm diameter cylindrical form.