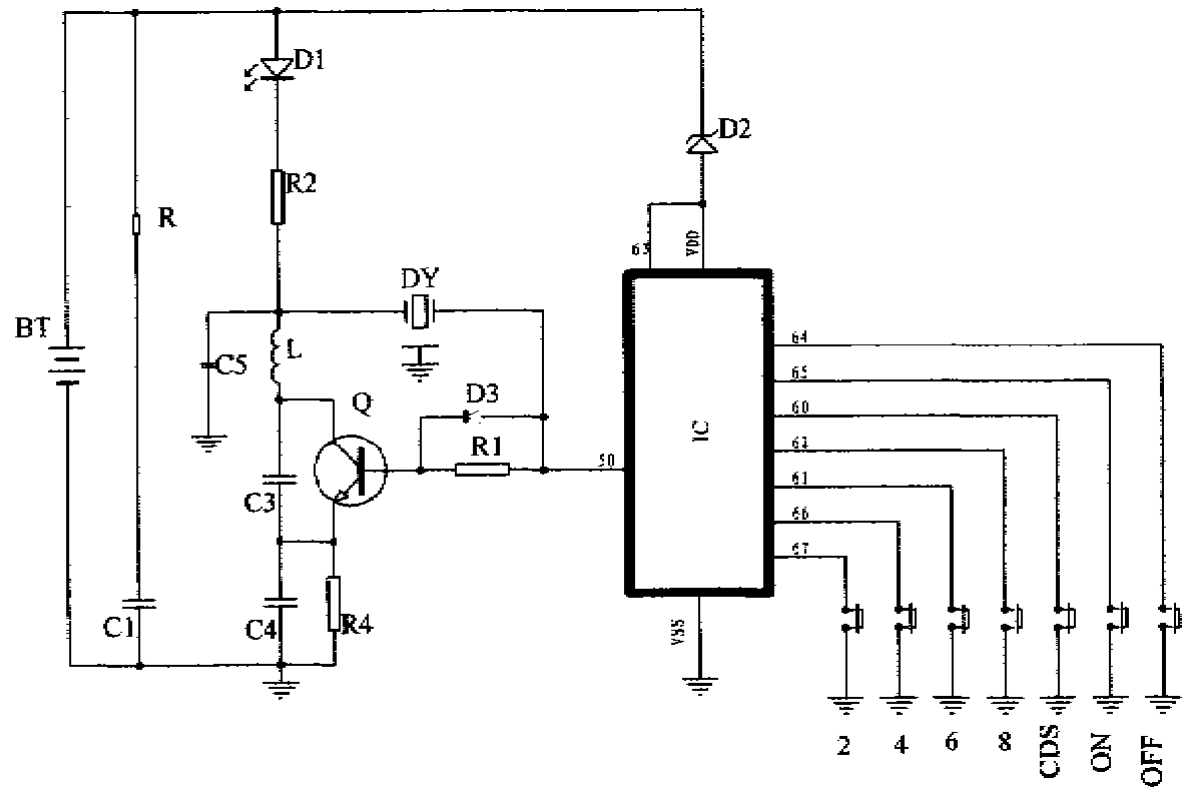


Schematics



YLT-5C component rating:

Component	Model	Rating
C1	CB104	332/25V
C3	CB4	4P/25V
C4	CB12	15P/25V
C5	CB103	103/25V
IC	EM78P153	EM78P153
Q	S9018	S9018
D1		$\Phi 3$
D2		5.6V/0.5W
DY	HD	R315M
R	RTX	10 Ω -1/8W $\pm$ 10%
R1	RTX	RTX-47K Ω -1/8W $\pm$ 10%
R2	RTX	RTX-47 Ω -1/8W $\pm$ 10%
R4	RTX	RTX-240K Ω -1/8W $\pm$ 10%
L		Φ 0.7/2.5T, Φ 3.2
D3	IN4148	IN4148
PWB	YLT-5-A	15823A,94 V-0
Enclosure(top)	ABS	L=70mm W=42mm
Enclosure(bottom)	ABS	L=62mm W=42mm
Battery cover	ABS	L=29mm,W=21mm
Internal wire		20mm, Φ 1,24AWG
Battery		25A,12V
Screw 1		2.5*8
Screw 2		2.5*5
Keyboard		Ningbo mingxin