Tone generator

2SC1815
Q1
C13 1µF
C15 1µF
C17 1µF
R10 4.7K
GND
VCC
R2 100Ω
R3 4.7K
R4 1M
R7 4.7K
R9 10K
GND
GND
U1C LA6458
R6 1K
1K R8
1µF C16
C10 100µF
U1B LA6458
333 C14
R11 10K
18K R12
5K R13
100K R5
C12 223
C11 1µF
U1A LA6458
P
Y
G
GND GND GND GND GND

Output amplifier

C9 100µF
104 C8
VCC
C5 4.7µF
C7 47µF
O
U2 LA4140
C6 47µF
R1 51Ω
C1 150PF
C3 683
C4 220µF
W
GND GND GND GND

+6 volts

J5
VCC on/off
1
VCC

J1
Battery GND
1
GND

J6
Speaker +
1
W

J2
Speaker GND
1
GND

Connectors

J11
Vibrate Switch
1
V

J4
Vibrate GND
1
GND

J9
Keyboard 1
1
Y

J10
Keyboard 2
1
P

J7
Slider 1
1
O

J8
Slider 2
1
G

J3
Slider GND
1
GND

C2
470µF
VCC
GND

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