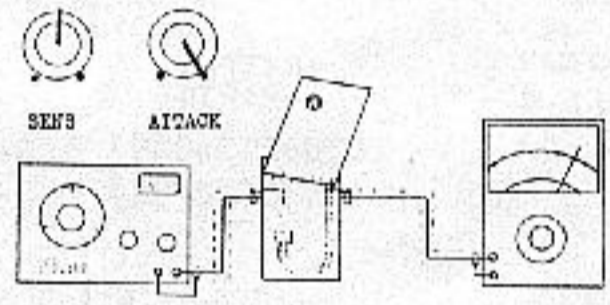


IC	μPC741C
D1	RD11EB 3
D2	RD5.6EB 2
D3	RD5.1EB 3
D4 - D9	1S2473
D10	SLP 135B
Q1 Q2	2SC732TM GR
Q3	2SK304TM GR
Q4 - Q10	2SC945

ADJUSTMENT

Adjust VR3 for $-25\text{dBm} \pm 0.1\text{dBm}$ reading. This value is when supply is exact 9V and will vary with the voltage, e.g. -22dBm at 1.1V DC.



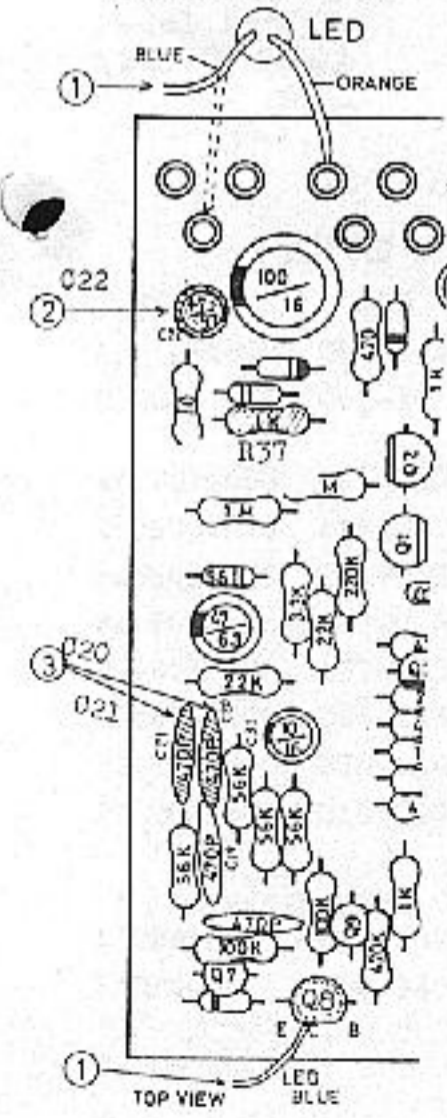
Audio Gen. SC-1 Millivoltmeter
 -20dBm 1kHz sine $-25 \pm 0.1\text{dBm}$

SERIAL NUMBER
 Earlier products -- 4 digits, stamped on case top
 Later products -- 6 digits, labeled on battery housing
 First two digits goes back to 00 after 99.

On later products HEC-0317-1-1 is employed as AC adaptor jack for positive connection. The change involves redesigning of mounting hole in cases because of size difference between two jacks. HEC-0003 only can enter the holes in new and old cases.

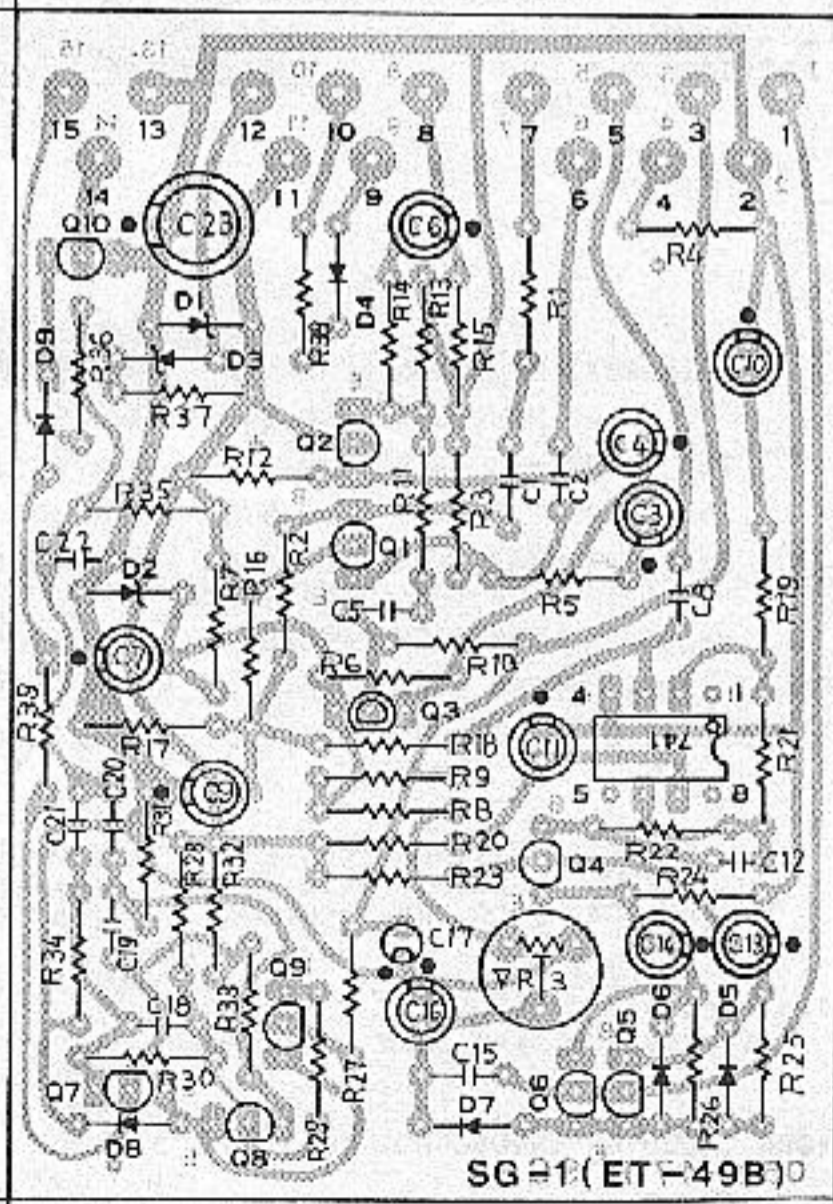
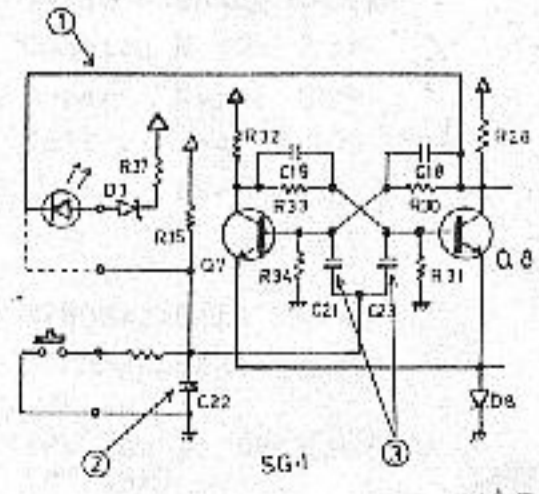
ET5209-510A (ET-49B)
 (P/N 7520951000)
 (Etch mask 2291033002 or 052-471B)
 Serial Number with 9100

ET-49(151-049)
 (Etch mask 052-471)



LED connecting to ET-49 does not light continuously in effect mode since circuit is so arranged. The following for the modification for keeping LED lit.

1. Shift LED blue wire to Q8 C.
 2. Replace C22 (1/50 or 0.4/50) with 0.01 mylar.
 3. Replace C20 and C21 (470pF) with 220pF for stable flip-flop at lower DC supply (6-7V).
- For long battery life, low-power-consumption LED SLP-135B is incorporated with later PCB. When changing LEDs, also change R37 1k to 3.9k ohms.



SG-1 (ET-49B)