

ARRL Handbook CD Template File

Title: AF/RF Signal Injector
Chapter: 26
Topic: Signal Injector

Template contains: PC board etching pattern and parts placement diagram.

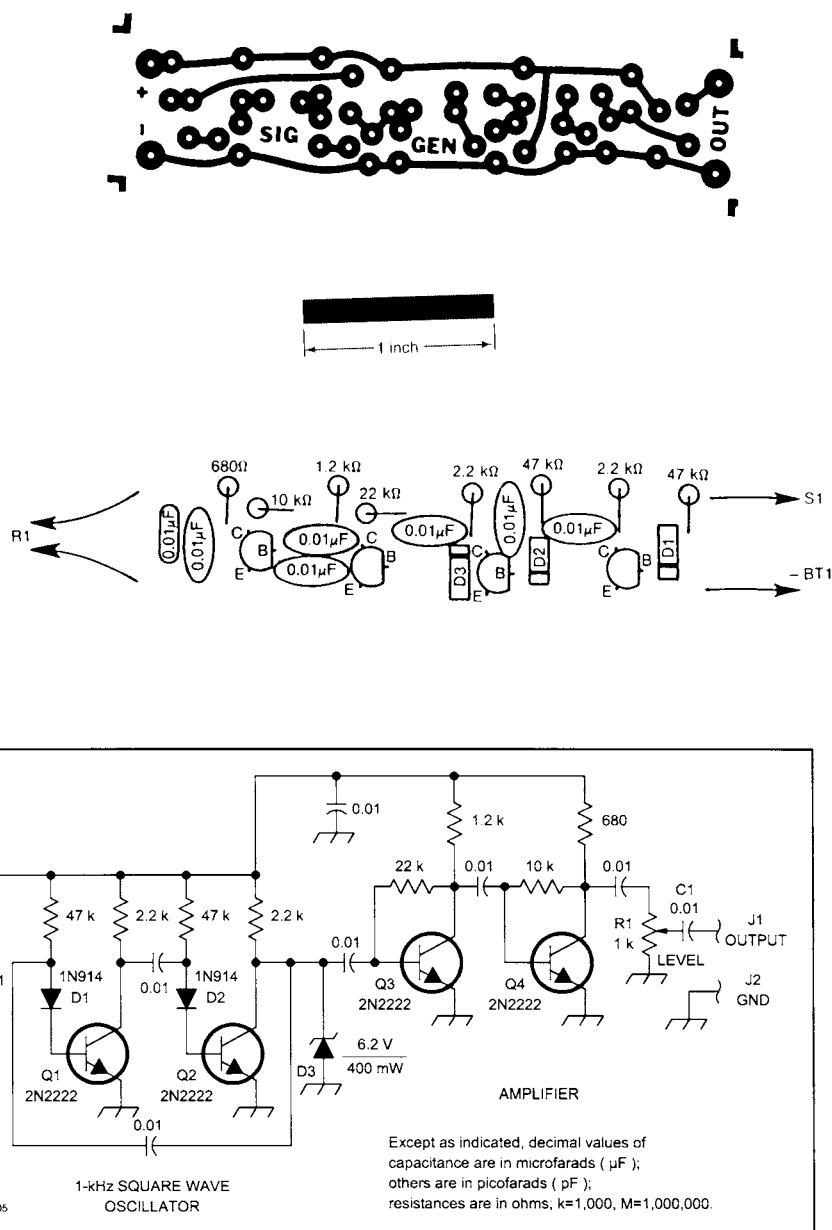


Fig 26.5—Schematic of the AF/RF signal injector. All resistors are 1/4-W, 5% carbon units, and all capacitors are disc ceramic.

BT1 — 9-V battery.
D1, D2 — Silicon switching diode, 1N914 or equiv.
D3 — 6.2-V, 400-mW Zener diode.
J1, J2 — Banana jack.

Q1-Q4 — General-purpose silicon NPN transistors, 2N2222 or similar.
R1 — 1-kΩ panel-mount control.
S1 — SPST toggle switch.