



Q1, Q2, Q3, Q5



TRANSISTORS (BOTTOM VIEW)



OSCILLATOR COIL AND
I.F. TRANSFORMERS
(BOTTOM VIEW)

SWITCH ON CLOCK
MODELS LOCATED ON
TIMER MECHANISM

Bottom View Printed Board

This diagram shows the bottom view of the printed board, featuring three transformer-coupled audio stages (T1, T2, T3) and a push-pull output stage (T4). The components are as follows:

- Transistors:** Q1 (E2427), Q2 (E2429), Q3 (E2428), Q4 (E2430), Q5 (E2431).
- Transformers:** L1 (input), L2 (RED), T1 (YELLOW), T2 (WHITE), T3 (BLACK), T4 (output).
- Resistors:** R1 (6.8K), R2 (47K), R3 (2.7K), R4 (560K), R5 (100K), R6 (1.5K), R7 (560K), R8 (2.7K), R9 (470), R10 (56K), R11 (220), R12 (10K), R13 (5K), R14 (1K), R15 (4.7K), R16 (1.8K), R17 (3.9K), R19 (220), R20 (16%), R22 (470).
- Capacitors:** C1A (variable), C2 (.02), C3 (.002), C4 (150V), C5 (10MF 3V), C6 (3.3PF), C7 (10MF 3V), C8 (.02), C9 (.02), C10 (.05), C11 (12PF 10%), C12 (10MF 3V), C13 (.02), C14 (.02), C15 (10MF 3V), C16 (100MF 15V), C17 (150V), C18 (variable), C19 (.1), C20 (.02 500V), C21 (50MF 15V).
- Other Components:** DI (1N60), SW1 (SWITCH ON CLOCK MECHANISM), SW2 (SOME MODELS), CLOCK MOTOR, R21 (525 5% 10W), R25 (5% 10W).