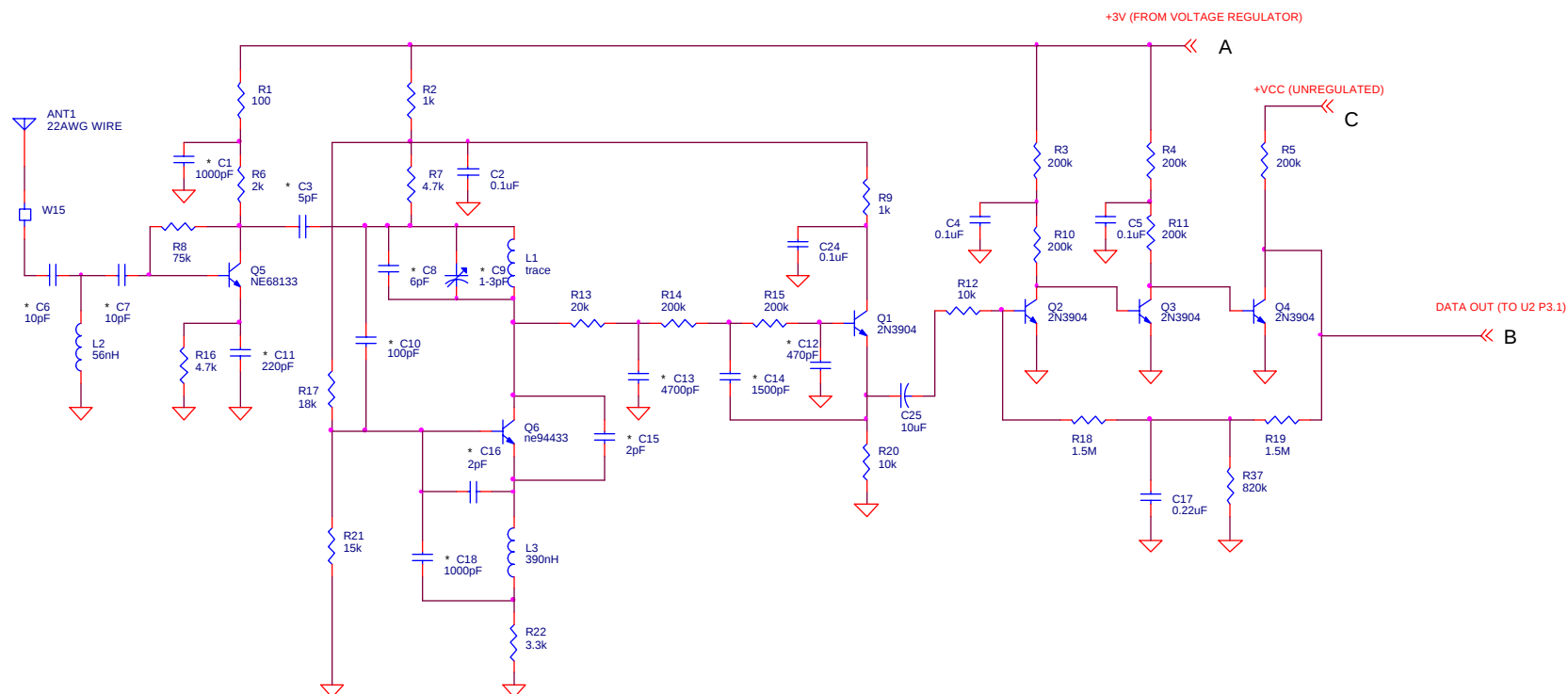


FIHSER-PRICE 71924 RC DASH RECEIVER SCHEMATIC (RF SECTION)



NOTES:

- 1) Resistors in OHMS, Capacitors in FARADS: unless otherwise noted.
- 2) - Denotes wire terminal on PCB.
- 3) Dashed or Dotted-Lined boxes indicates OFF-BOARD component(s).
- 4) * Designates Capacitor as NPC.

CRITICAL COMPONENTS:
Q5 = ne68133, Q6 = ne94433
C9 = CERAMIC TRIMMER (High Stability)
PCB FR-4 / G10

CHANGES:
R7 From 10k To 4.7k
R17 From 24k To 18k
C8 From 8pF To 6pF
R37 From 1.5M To 820k
Q4 Collector moved to Unregulated Voltage For Logic Leveling
C25: 0.1uF to 10uF (low leakage electrolytic)
C17: 0.1uF to 0.22uF ceramic

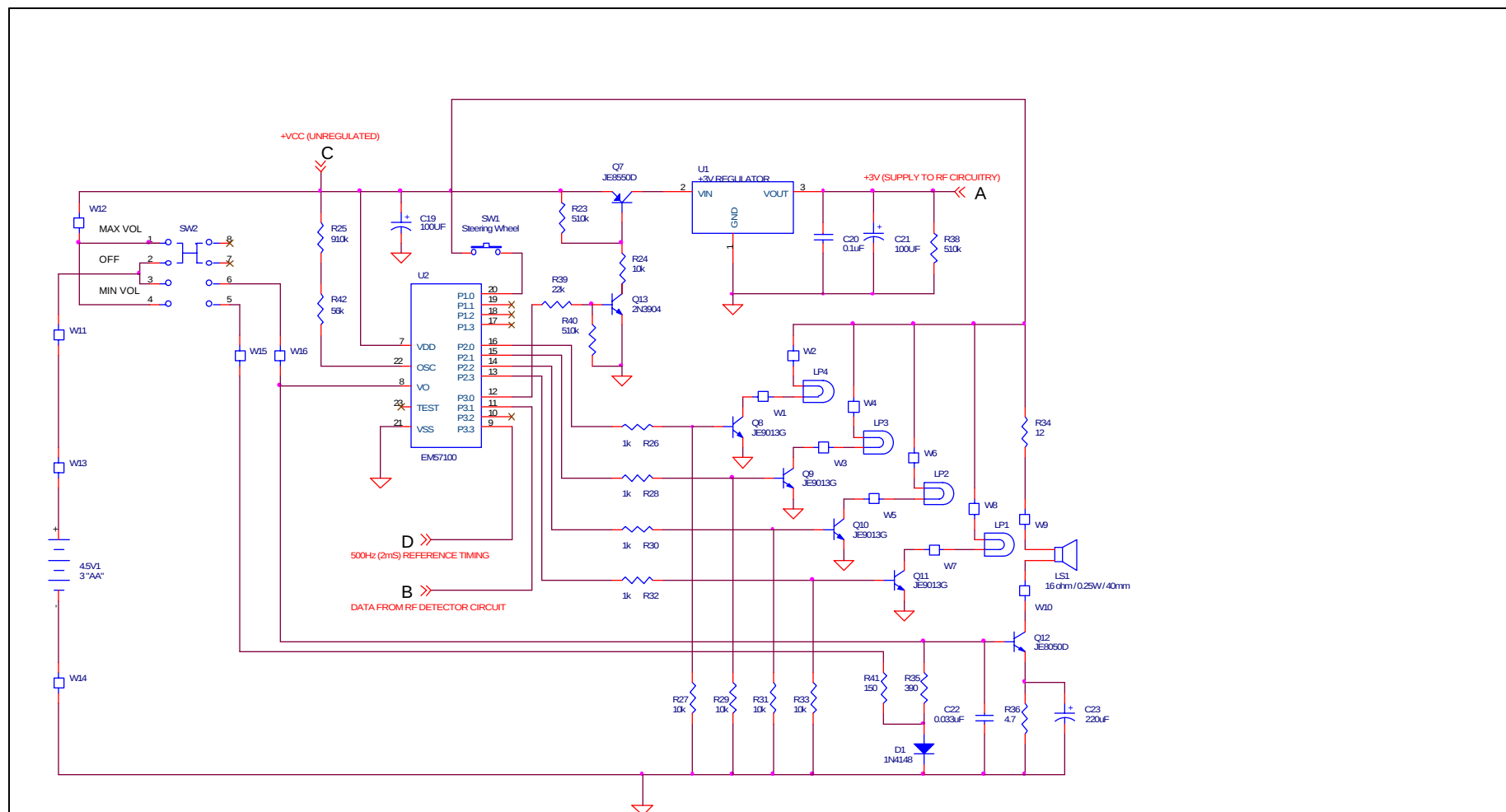
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71924 RC DASH RF SECTION - FINAL RELEASE

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FISHER-PRICES 71924 RC DASH RECEIVER SCHEMATIC (MICRO-CONTROLLER SECTION)



NOTES:

- 1) Resistors in OHMS, Capacitors in FARADS, unless otherwise noted.
- 2) - Denotes wire terminal on PCB.
- 3) Dashed or Dotted-Lined boxes indicates OFF-BOARD component(s).
- 4) * Designates Capacitor as NPO.

CRITICAL COMPONENTS:

U1 = Low Dropout +3V Regulator NJU7201U30 or equiv.
 LP1 - LP4 GOW Bulbs 100mA
 Q12 JE8050D TO-92 Package
 PCB FR-4 / G10
 R25, R42 set for 500Hz (2mS) reference on P3.3

CHANGES:

R23 10k to 510k, R24 1K to 10k
 Port 2 Changed LP1- LP4, Port 3 changed Pass Xter Predriver, RF DATA IN
 LS1 Speaker Size From 2.25in (57.15mm) To 1.57in (40mm).
 R25 From 1M to 910k, R42 From TBD to 56k.

ADDED:

R39Q13, R39, R40 to solve port impedance (KEYB)
 SW2, 2P3T (On/Off/Volume)
 R41(volume reduction), R42(line master clock adjustment if necessary)
 R35 From 150 To 390

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