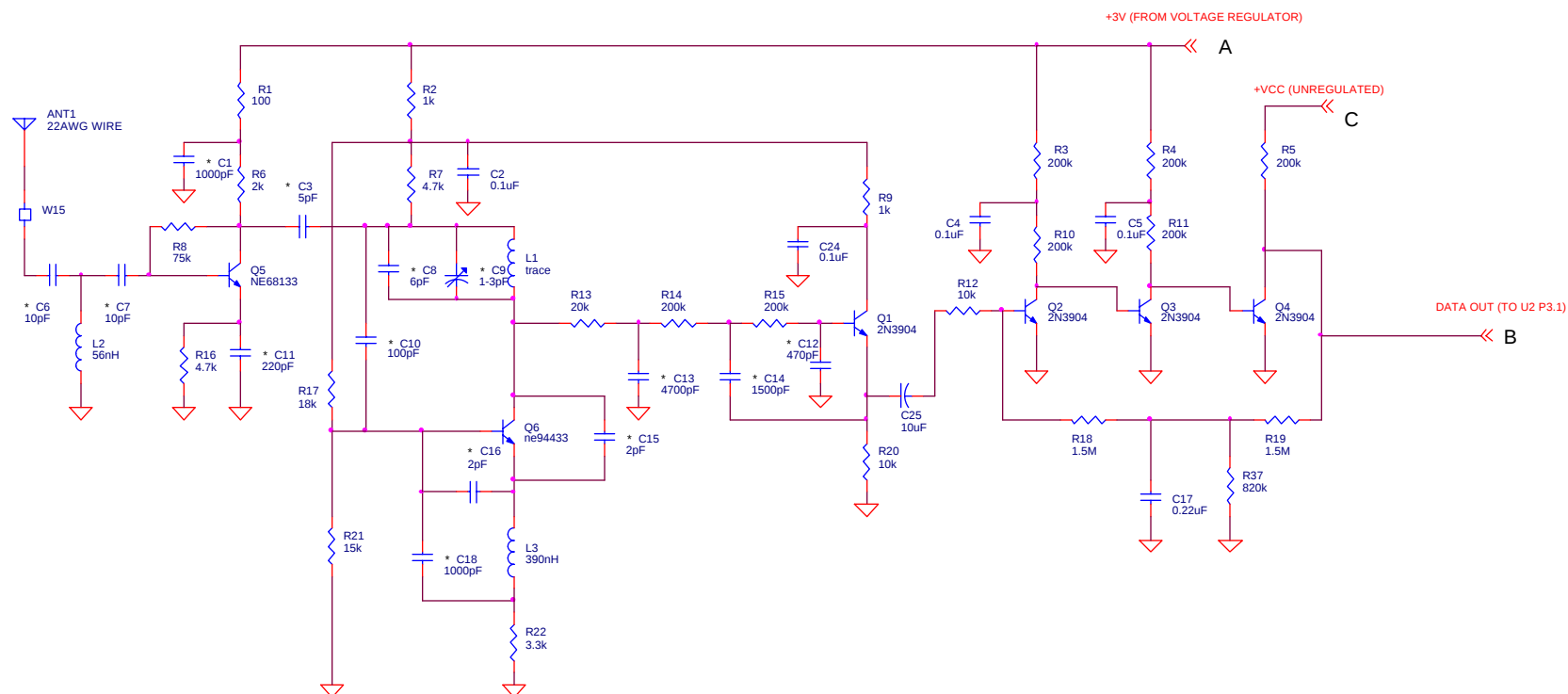


FIHSER-PRICE 71924 RC DASH RECEIVER SCHEMATIC (RF SECTION)



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

FISHER-PRICE 636 GIRARD AVE. EAST AURORA, N.Y. 14052 Dwn by:

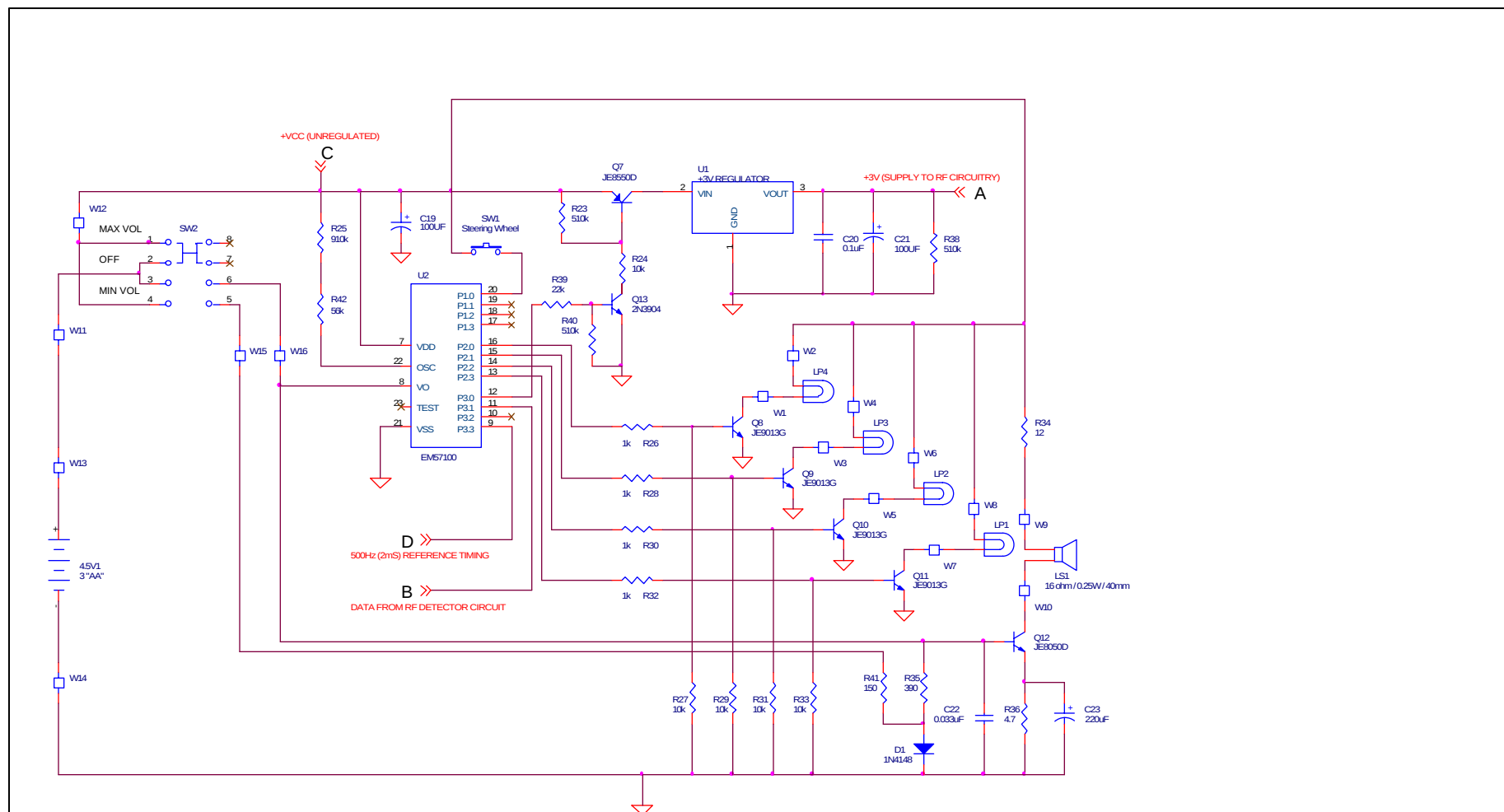
Title
71924 RC DASH RF SECTION - FINAL RELEASE

Size B Document Number
RF71924RxrevD.SCH Rev D

Date: Monday, March 27, 2000 Sheet 1 of 1

4/6/00

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 T0-92 Package
PCB FR-4 / G10
R25, R42 set for 500Hz (2mS) reference on P3.3

CHANGES: R23 10k to 510k, R24 1K to 10k

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: R38Q13,R39,R40 to solve port impedance (KEYB)

ADDED: R38,R39,R40 to solve port impedance (KEYB)
SW2 2P3T (On/OFF/Volume)
R41(volume reduction) ,R42(fine master clock adjustment if necessary)
R35 From 150 To 390

FISHER-PRICE 636 GIRARD AVE EAST AURORA, N.Y. 14052 Dwn by:

Title	71924 RC DASH MICRO-PROCESSOR SECTION - FINAL RELEASE
-------	---

Size	Document Number	Re
------	-----------------	----

Size: B
 11P71924PyrovE SCH

Date:	Monday, March 27, 2000	Sheet	1	of	1
-------	------------------------	-------	---	----	---