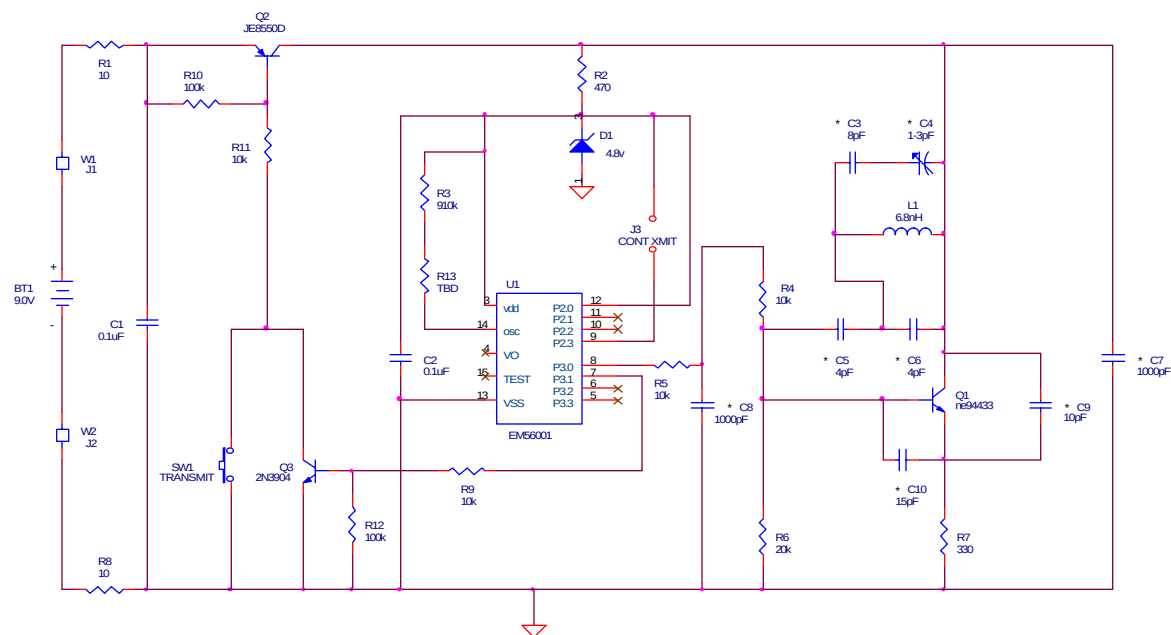


4/6/00

FISHER-PRICE 71924 RC DASH TRANSMITTER SCHEMATIC



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.
5) JP1 For Continuous Transmit Function Testing Only.

CRITICAL COMPONENTS:

Q1 = ne94433
C4 CERAMIC (High Stability)

D1 = 4.8V

PCB FR-4 / G10

SW1 Low Resistance Tactile Switch

R3, R13 set so that Pulse Stream Timing= (Preamble=40mS) , (Data=40mS / 5mS bit widths alternating 0/1) , (Postamble=40mS /10mS data bit widths alternating 0/1) On P3.0.

CHANGES:

Moved P2.0 to Cathode D1
Address: C0 C2 P10 P8 P10

Added: Q2,Q3,R12,R9,R10,R11
Q2,Q3 FOR TRANSMIT SIGNAL

Q2,Q3 FOR TRANSMIT SIGNAL INDEPENDENCE OF SW1 CLOSURE TIME.
312 (from 10k to 100k (same as 310041Type-B test))

R10 from 10k to 100k (same as 71924TxrevB.sch)

ADDED R13 (TBD) fine master clock adjustment if necessary.

R1, R8 From 51 To 10

C3 From 4pF To 8pF

C10 From 4pF To 15pF R3 From 1M to 910k

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

E.	Title
	71924 RC DASH TRANSMITTER - FINAL RELEASE

Size B	Document Number 71924TxrevF.SCH	Rev F
Date: Monday, March 27, 2000	Sheet 1 of 1	

