

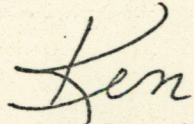
GENERAL INSTRUMENT CORPORATION

June 15, 1979

FROM: K. Greenberg

TO: C. Perry Mattel
D. Chandler Mattel
T. Dineen Mattel
A. Secor Mattel
B. Aspland GTE
R. Henderson Mattel at GTE
R. Norwood G.I.

In accordance with your request of June 8, 1979, the logic board (D/N 39-133) is being revised per the attached ECN.


Ken Greenberg

KG/lr
Attach.

GENERAL INSTRUMENT CORPORATION
 MICROELECTRONICS GROUP
 CHANGE NOTICE

| | | |
|---|------------------|--|
| UNITS AFFECTED | | <input checked="" type="checkbox"/> REVISION NOTICE <input type="checkbox"/> TEMPORARY AUTHORIZATION (VOID AFTER _____ OR _____) DATE _____ QTY. _____ <input type="checkbox"/> INFORMATION NOTICE |
| ASSEMBLY NO. | DESCRIPTION | |
| 2609 | MATTEL LOGIC PCB | |
| | | |
| EFFECT ON DATA SHEETS YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | EFFECT ON PRODUCTION |
| REASON FOR CHANGE: MATTEL REQUEST | | <input checked="" type="checkbox"/> PRODUCTION (IMMEDIATE) <input type="checkbox"/> PRODUCTION (WHEN MAT. IS AVAILABLE) <input type="checkbox"/> NO OBSOLESCENCE OF MAT. OR PARTS. |

| SPECIFICATION OR DRAWING NUMBER | DESCRIPTION | REV. LETTER |
|---------------------------------|--|-------------|
| 39-133 | <p>MATTEL LOGIC BOARD</p> <ol style="list-style-type: none"> Add resistor R9 (18K $\frac{1}{2}$W, 2%) in parallel with C33. Change following resistors to: R3 22K $\frac{1}{4}$W 2% R10 22K $\frac{1}{4}$W 2% R11 22K $\frac{1}{4}$W 2% R14 5.6K $\frac{1}{4}$W 2% R1 2.7K $\frac{1}{4}$W 2% Add resistor R22 (180Ω $\frac{1}{4}$W 5%) from the junction of L3 and C5 to 12 volts; the 5 volt supply is removed from that junction. Add capacitor C40 in parallel with C17 use 47 uf radial (Per spec. 67-260984), observe polarity. Change C26 1uf capacitor to radial (per spec. 67-260983). Add test pads at power supply input. Correct machine insertion problems by moving C9, C15, L7, R5. Change lead spacing on C27, 28, 30 to .800. Add jumper in series with B+ side of channel select switch. | U |

Ken Greenberg
 6-12-79