

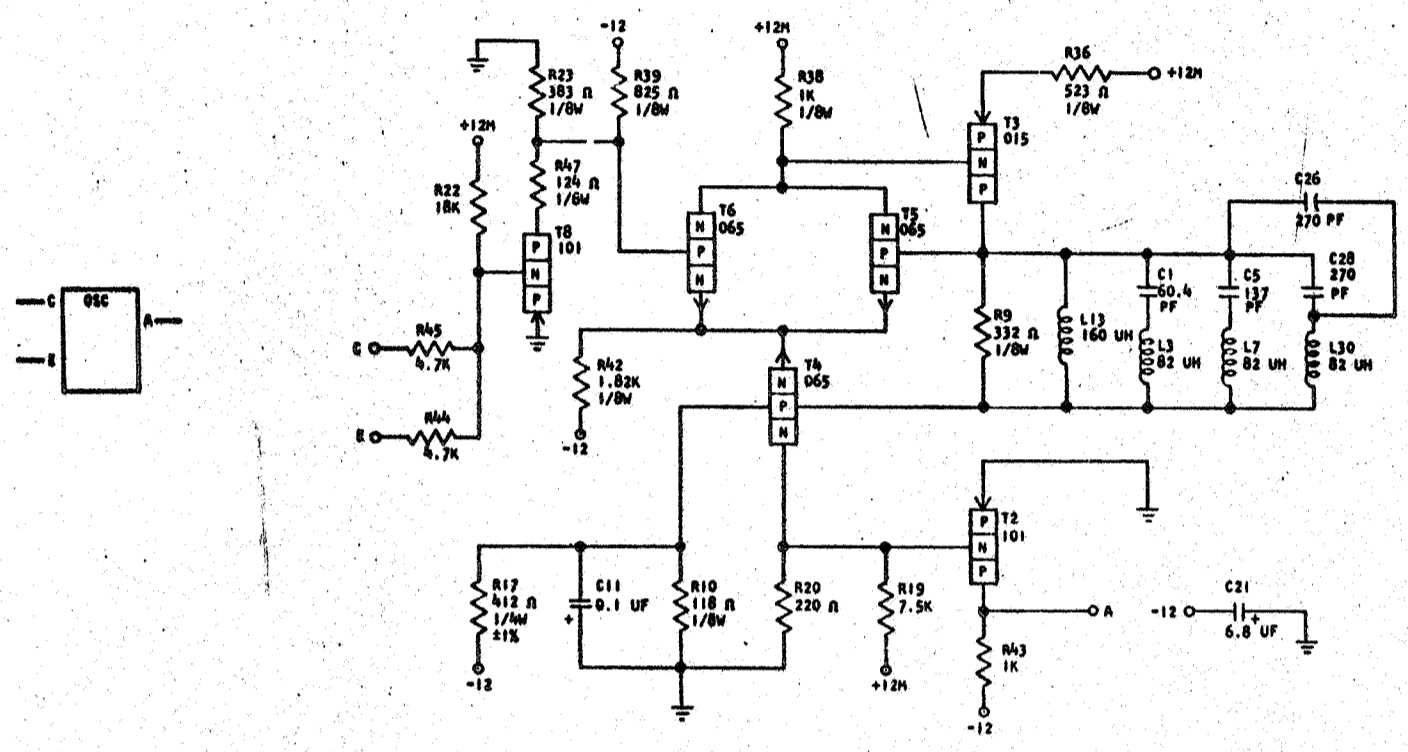
729936  
STANDARD CODE

CARD CODE  
TBR - 729936

REFERENCE DRAWING

SEE PRODUCTION DRAWING 370297

SDTRL - OSCILLATOR, 360 KC S LINE GATED



SEQUENCE OF OPERATION

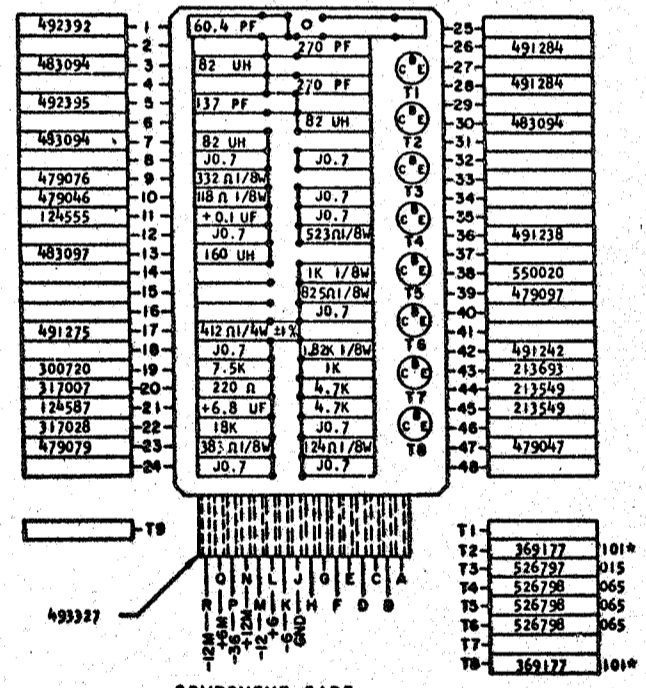
1. WHEN C AND E ARE UP, T8 TURNS OFF, OSCILLATOR TURNS ON
2. WHEN C OR E IS DOWN, T8 TURNS ON, OSCILLATOR TURNS OFF

| PINS | SIGNAL NAME | WAVE SHAPES | LEVELS   |            |
|------|-------------|-------------|----------|------------|
|      |             |             | MIN      | MAX        |
| C, E | INPUT       |             | UP -0.45 | DOWN -12.5 |
| A    | OUTPUT      |             | UP -0.45 | DOWN -12.5 |

DELAY - MSEC

|           | MINIMUM | MAXIMUM |
|-----------|---------|---------|
| TURN ON   | 70      | 110     |
| TURN OFF  | 160     | 200     |
| RISE TIME | 28      | 52      |
| FALL TIME | 46      | 54      |

\*APPLIES ONLY WHEN GATING, WHEN OUTPUT IS AT A + 8 LEVEL.



COMPONENT SIDE

| CIRCUIT AND PACKAGING STANDARD |        |
|--------------------------------|--------|
| APPROVAL                       | DATE   |
| ABC                            | 4-2-62 |

| INTERNATIONAL BUSINESS MACHINES CORP. | DATE    | CHANGE NO. | APPROVAL | DATE    | CHANGE NO. | APPROVAL | DEVELOPMENT NO. |
|---------------------------------------|---------|------------|----------|---------|------------|----------|-----------------|
| BASE BOARD ASM TSTR-SDTRL-OSC.        | 4-29-62 | EC115599   |          |         |            |          |                 |
| 360 KC S LINE GATED                   | 30.4.63 | JT83687    |          |         |            |          |                 |
| DESIGN                                | MODEL   | SCALE      |          |         |            |          |                 |
| DETAIL                                | 3-1-62  | NONE       |          |         |            |          |                 |
| CHECK                                 | 5-1-62  | DRAW       | LIG      | 3-17-62 |            |          |                 |
| APPROVED                              | CHECK   |            |          |         |            |          |                 |

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