

## TENTATIVE SPECIFICATION

S T K 6 1 5 3

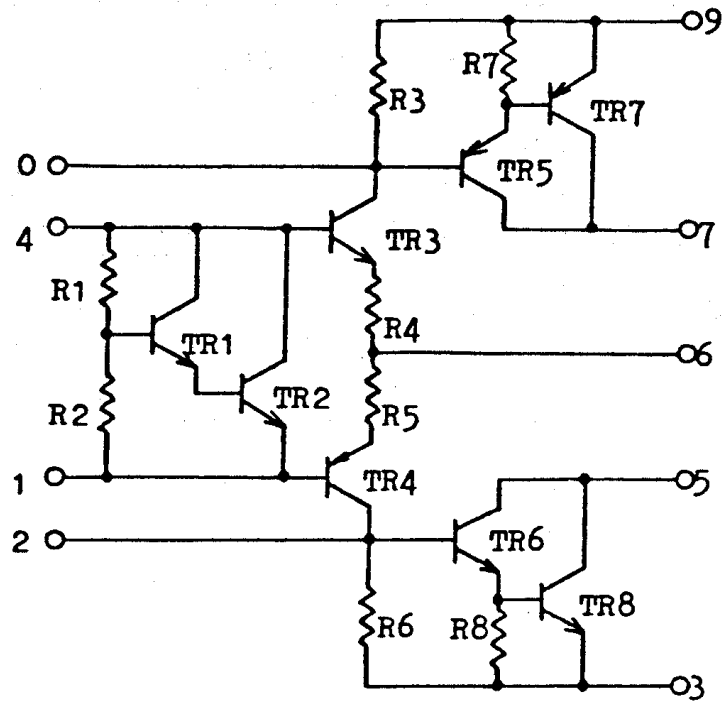
## 1. ABSOLUTE MAXIMUM RATINGS

| I T E M S                  | S Y M B O L   | C O N D I T I O N                     | R A T I N G S   | U N I T S        |
|----------------------------|---------------|---------------------------------------|-----------------|------------------|
| SUPPLY VOLTAGE             | $V_{cc \max}$ | NO SIGNAL                             | $\pm 50$        | V                |
| OUTPUT CURRENT             | $I_{C \max}$  |                                       | 10              | A                |
| INTERNAL POWER DISSIPATION | $P_d \max$    | $T_a = 25^\circ\text{C} / 1\text{CH}$ | 73              | W                |
| JUNCTION TEMPERATURE       | $T_j \max$    |                                       | 150             | $^\circ\text{C}$ |
| STRAGE TEMPERATURE         | $T_{stg}$     |                                       | $-40 \sim +125$ | $^\circ\text{C}$ |

2. ELECTRICAL CHARACTERISTICS (  $T_a = 25^\circ\text{C}$   $V_{cc} = \pm 36\text{V}$   $R_L = 8\Omega$  )

| I T E M S                    | S Y M B O L  | T E S T<br>C I R C U I T | C O N D I T I O N                    | M I N    | T Y P | M A X | U N I T S |
|------------------------------|--------------|--------------------------|--------------------------------------|----------|-------|-------|-----------|
| QUIESCENT CURRENT            | $I_{cco}$    |                          |                                      | 5        | 10    | 30    | mA        |
| OUTPUT VOLTAGE               | $V_o$        |                          | $f = 100\text{Hz}$ (square wave)     | $\pm 34$ |       |       | $V_{p-p}$ |
| DIFFERENCE<br>OUTPUT VOLTAGE | $\Delta V_o$ |                          | Difference of +, -<br>output voltage |          |       | 0.5   | V         |
|                              |              |                          |                                      |          |       |       |           |
|                              |              |                          |                                      |          |       |       |           |
|                              |              |                          |                                      |          |       |       |           |

### 3. EQUIVALENT CIRCUIT



### 4. TEST CIRCUIT

