



- S1 - ROTARY SWITCH**
POS. 1 - FET/UJT/DIODE/SCR/ZENER
POS. 2 - BIPOLAR/VOLTS/OHMS
- S2 - ROTARY SWITCH**
POS. 1 - N-CH/NPN/OHMS/DIODE ON/ZENER
POS. 2 - P-CH/PNP/VOLTS/DIODE OFF/SCR
- S3 - ROTARY SWITCH**
POS. 1 - g_m XI
POS. 2 - g_m CAL
POS. 3 - g_m X10
POS. 4 - I_{DSS} /DIODE
POS. 5 - V_p /SCR/ZENER
POS. 6 - I_{GSS} /UJT
- S4 - ROTARY SWITCH**
POS. 1 - RF XI
POS. 2 - SIG XI
POS. 3 - SIG X10
POS. 4 - PWR X1
POS. 5 - PWR X10
POS. 6 - I_{CBO}
POS. 7 - I_{CEO} /VOLTS/OHMS
- S5 - SLIDE SWITCH**
POS. 1 - ENHANCEMENT
POS. 2 - DEPLETION
- S6 - SLIDE-SPRING RETURN SWITCH**
PUSH FOR ZENER TEST
- S7 - SLIDE SWITCH**
POS. 1 - VOLTS/POWER OFF
POS. 2 - POWER ON
- S8 - SLIDE-SPRING RETURN SWITCH**
PUSH TO READ BETA

| WAFER SURFACE | POSITIONS | | | | | | |
|---------------|--------------|--------------|-----------|-----------|---------|-----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| S1 | FET | BIPOLAR | | | | | |
| S1B | 1-2 5-6 | 2-3 6-7 | | | | | |
| S1D | 9-10 | 10-11 | | | | | |
| | 1-12 3-4 | 1-2 4-5 | | | | | |
| | 6-7 9-10 | 7-8 10-11 | | | | | |
| S2 | N-CH/ NPN | P-CH/ PNP | | | | | |
| S2A | 1-11 | 1-2 | | | | | |
| S2B | 6-8 | 5-6 | | | | | |
| S2C | 2-12 | 7-8 | | | | | |
| S2D | 5-7 | 11-12 | | | | | |
| S2E | 3-5-7 | 3-12 | | | | | |
| S2F | 8-12 | 4-5-8 | | | | | |
| | 4-6 | 6-7 | | | | | |
| | 2-12 | 7-8 | | | | | |
| | 5-7 | 11-12 | | | | | |
| | 1-11 | 1-2 | | | | | |
| | 6-8 | 5-6 | | | | | |
| S3 | g_m XI | g_m CAL | g_m X10 | I_{DSS} | V_p | I_{GSS} | |
| S3A | 2-12 | 2-12 | 2-12 | 2-12 | 2-6 | 2-6-7 | |
| S3B | 5-7 | 5-7 | 5-7 | 5-7 | 3-7-10 | | |
| S3C | 7-8 | 7-8 | 2-3 | 7-8 | | | |
| | | | 7-8 | | | | |
| S3D | 2-3-4 | 3-4-9 | 4-10 | 4-11 | 4-12 | 4-1 | |
| S3E | 1-11 | 1-11 | 1-11 | 1-11 | 1-5 | 1-5 | |
| S3F | 7-10 | 7-10 | 7-10 | 1-11-12 | 3-10 | 3-10 | |
| S4 | RF XI | SIG XI | SIG X10 | PWR XI | PWR X10 | I_{CBO} | I_{CEO} |
| S4A | 1-11 | 1-11 | 1-11 | 1-11 | 1-11 | 1-2 | 1-2 |
| S4B | 5-7 | 5-7 | 5-7 | 5-7 | 5-7 | 5-8 | 5-8 |
| S4C | 5-7 | 5-7 | 5-7 | 5-7 | 5-7 | 7-9 | 7-9 |
| S4D | 1-8-11 | 1-10-11 | 1-10-11 | 1-11-12 | 1-11-12 | 1-2 | 1-2 |
| S4E | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 |
| S4F | | 4-12 | | 4-6 | 4-12 | 4-8 | |

NOTES:
 1. RESISTOR VALUES ARE IN OHMS, 1/2W, 10% UNLESS OTHERWISE SPECIFIED.
 2. CAPACITOR VALUES ARE IN MICROFARADS, UNLESS OTHERWISE SPECIFIED.
 3. ON ALL ROTARY SWITCHES, WAFERS A-B, C-D, E-F ARE INTERCONNECTED.
 4. CIRCLED LETTERS DESIGNATE POINTS ON P.C. BOARD.
 5. LETTERS WITHOUT CIRCLES ARE INTERCONNECTED IN CIRCUIT TO SWITCH S1.