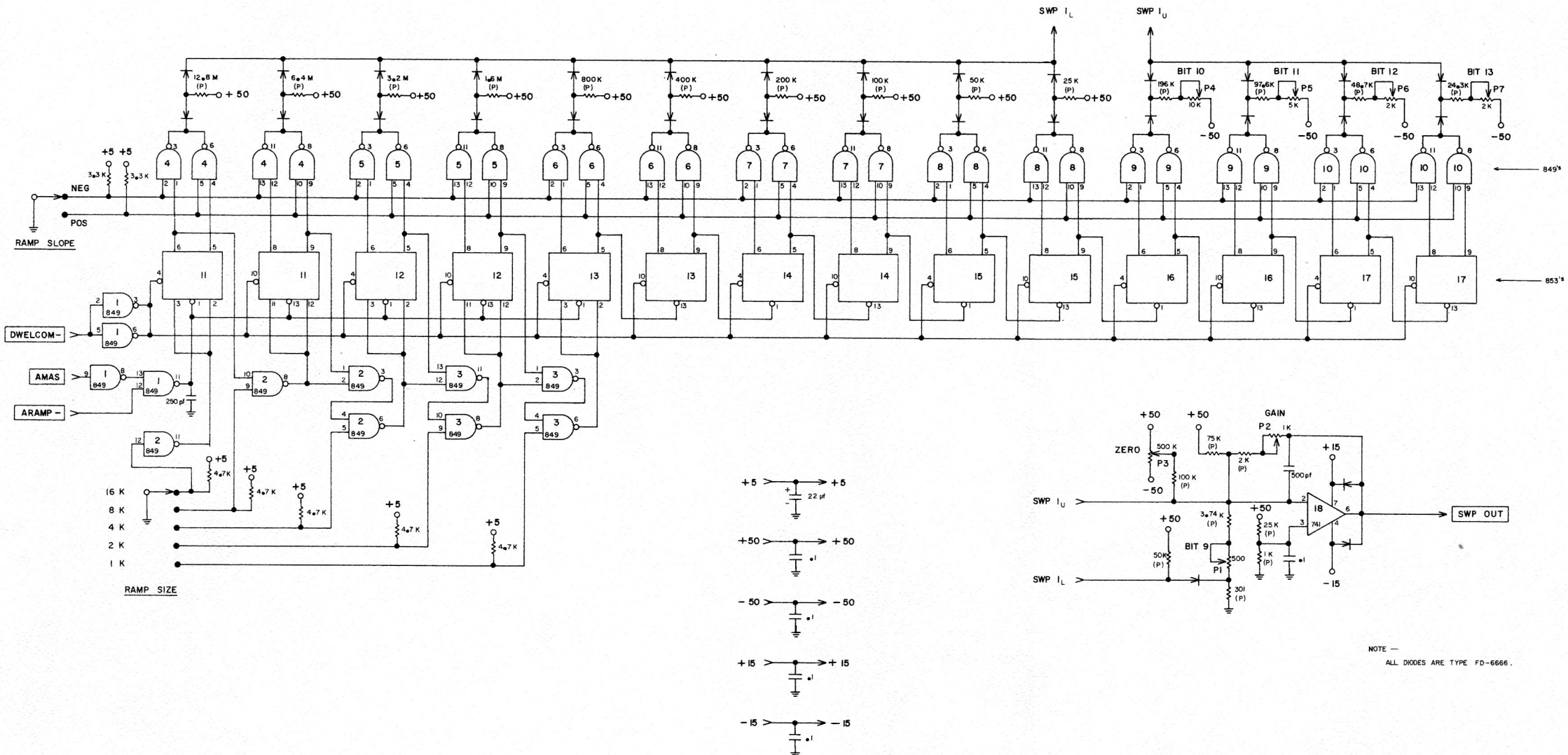


| REVISIONS |      |             |      |
|-----------|------|-------------|------|
| SYM.      | ZONE | DESCRIPTION | DATE |
|           |      |             |      |
|           |      |             |      |

| CONNECTOR |      |                 |
|-----------|------|-----------------|
| SIGNAL    | PIN  | TO              |
| GND       | G-1  |                 |
| +5        | G-3  |                 |
| -5        | G-5  |                 |
|           | G-7  |                 |
|           | G-9  |                 |
|           | G-11 |                 |
|           | G-13 |                 |
|           | G-15 |                 |
|           | G-17 |                 |
|           | G-19 |                 |
|           | G-21 |                 |
|           | G-23 |                 |
|           | G-25 |                 |
|           | G-27 |                 |
|           | G-29 |                 |
|           | G-31 |                 |
|           | G-33 |                 |
|           | G-35 |                 |
|           | G-37 |                 |
| GND       | G-39 |                 |
|           | G-41 |                 |
|           | G-43 |                 |
|           | G-45 |                 |
|           | G-47 |                 |
|           | G-49 |                 |
|           | G-51 |                 |
|           | G-53 |                 |
|           | G-55 |                 |
|           | G-57 |                 |
|           | G-59 |                 |
|           | G-61 |                 |
|           | G-63 |                 |
|           | G-65 |                 |
|           | G-67 |                 |
| +15       | G-69 |                 |
| -15       | G-71 |                 |
|           | G-73 |                 |
| -50       | G-75 |                 |
|           | G-77 |                 |
| +50       | G-79 |                 |
| GND       | G-2  |                 |
| +5        | G-4  |                 |
| -5        | G-6  |                 |
|           | G-8  |                 |
|           | G-10 |                 |
|           | G-12 |                 |
|           | G-14 |                 |
|           | G-16 |                 |
|           | G-18 |                 |
|           | G-20 |                 |
|           | G-22 |                 |
|           | G-24 |                 |
|           | G-26 |                 |
|           | G-28 |                 |
|           | G-30 |                 |
|           | G-32 |                 |
|           | G-34 |                 |
|           | G-36 |                 |
|           | G-38 |                 |
| GND       | G-40 |                 |
|           | G-42 |                 |
|           | G-44 |                 |
|           | G-46 |                 |
|           | G-48 |                 |
|           | G-50 |                 |
|           | G-52 |                 |
|           | G-54 |                 |
|           | G-56 |                 |
| ARAMP-    | G-58 | H-31            |
| DWELCOM-  | G-60 | B-14, E-50, H-7 |
| AMAS      | G-62 | A-1, E-48       |
| SWP OUT   | G-64 | FPA-20          |
|           | G-66 |                 |
|           | G-68 |                 |
| +15       | G-70 |                 |
| -15       | G-72 |                 |
|           | G-74 |                 |
| -50       | G-76 |                 |
|           | G-78 |                 |
| +50       | G-80 |                 |



| SWEEP CONTROL CONNECTOR (LOCATED ON FRONT PANEL) |         |                   |
|--------------------------------------------------|---------|-------------------|
| PIN                                              | SIGNAL  | FUNCTION          |
| E                                                | SWP OUT | SWEEP RAMP OUTPUT |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
AND TOLERANCES ARE  
FRACTIONS DECIMALS ANGLES  
± ± ±  
✓ INDICATES SURFACE  
ROUGHNESS PER MIL-STD-10

MATERIAL

SPEC.  
FINISH

NEXT ASS'Y USED ON  
APPLICATION

REMOVE ALL BURRS  
BREAK ALL SHARP CORNERS

DRAWN B.C. DATE

CHECKED

APPROVED

APPROVED

**NICOLET INSTRUMENT CORPORATION**  
5223 Verona Road, Madison, Wisconsin 53711

TITLE  
SW-80 SWEEP CONTROL  
RAMP GENERATOR  
BOARD LOCATION "G"

CODE IDENT. NO. SIZE DWG. NO.  
D

SCALE SHEET