NOTE:
1. ALL RESISTORS ARE 0.25W 10% UNLESS OTHERWISE SPECIFIED
2. ALL 10UF CAPS ARE TANTALUM
3. PAIRED PNP TRANSISTORS ARE MATCHED AND THERMALLY COUPLED
4. Q13/Q14 ARE SELECTED AND THERMALLY COUPLED
5. CR1 AND C8 ARE PRESENT IN LATER REVISIONS ONLY AND SHOULD BE ADDED TO EARLY UNITS
6. A 0.8V ZENER (1N754, CATHODE TO GND) REPLACES R33 IN SOME LATER REVISIONS (C8 MAY BE OMITTED IN THIS CASE)
7. R2, R7, R12, R17 SHOULD BE CHANGED TO 2K2 FOR IMPROVED CUT-OFF RANGE
8. C6 SHOULD BE CHANGED TO A HIGH QUALITY ELECTROLYTIC

MODIFICATIONS (DESIGN BY TIMOTHY SMITH):
- 7. R2, R7, R12, R17 SHOULD BE CHANGED TO 2K2 FOR IMPROVED CUT-OFF RANGE
- 8. C6 SHOULD BE CHANGED TO A HIGH QUALITY ELECTROLYTIC

ARP INSTRUMENTS, INC.
4075 VOLTAGE CONTROLLED LOW-PASS FILTER

DESIGN BY:
TIMOTHY C. GILLETTE
ALAN R. PEARLMAN

PATENTS
US #4,011,468
US #3,924,199
US #4,444,392

ASSEMBLY:
7210500 / 7210501

DRAWN BY:
J. VERGHESE
DATE:
10-OCT-96
REV E