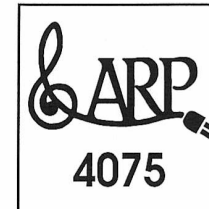


NOTES:

1. ALL RESISTORS ARE 0.25W 10% UNLESS OTHERWISE SPECIFIED
2. ALL 10UF CAPS ARE TANTALUM
3. PAIRED PNP TRANSISTORS ARE MATCHED TO $\Delta V_{BE} < 0.5 \text{ mV}$
4. Q13/Q14 ARE SELECTED
5. CR1 AND C8 ARE PRESENT IN LATER REVISIONS ONLY AND SHOULD BE ADDED TO EARLY UNITS
6. A 6.8V ZENER (1N754, CATHODE TO GND) REPLACES R33 IN SOME LATER REVISIONS (C8 CAN BE OMITTED IN THIS CASE)

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



TITLE 4075 VOLTAGE CONTROLLED LOW-PASS FILTER		
DESIGN BY TIMOTHY C. GILLETTE ALAN R. PEARLMAN ARP INSTRUMENTS, INC. 1974	ASSEMBLY 7210500 / 7210501	PATENTS US #4,011,466 US #3,924,199 US #3,444,362
DRAWN BY J VERGHESE	DATE 10-OCT-96	REV D