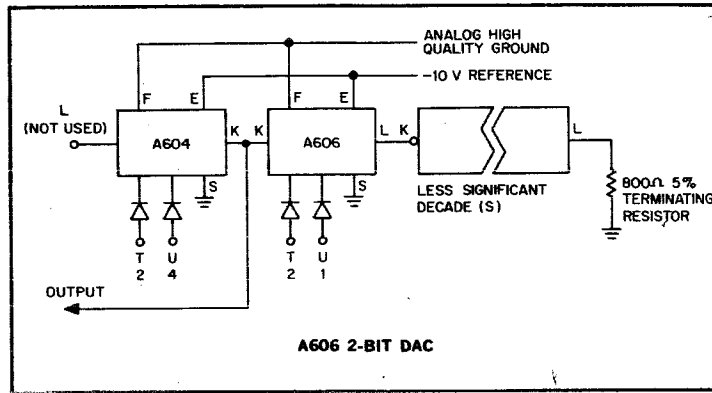


# DIGITAL-ANALOG CONVERSION MODULE TYPE A606

**A  
SERIES**



**TRUTH TABLE:**

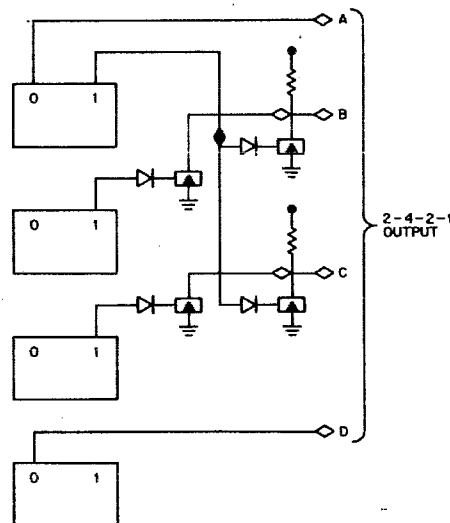
Decimal Number	8	4	2	1	A	B	C	D
0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	1
2	0	0	1	0	0	0	1	0
3	0	0	1	1	0	0	1	1
4	0	1	0	0	0	1	0	0
5	0	1	0	1	0	1	0	1
6	0	1	1	0	0	1	1	0
7	0	1	1	1	0	1	1	1
8	1	0	0	0	1	1	1	0
9	1	0	0	1	1	1	1	1

This module is similar to the A604 but with different values of ladder resistors. It is designed to be used in conjunction with an A604 to form one decade of BCD Digital to Analog conversion. The digital inputs of the decade must be 2-4-2-1 weighing (a conversion scheme from an 8-4-2-1 flip-flop register to a satisfactory 2-4-2-1 code is shown). Overall accuracy and other characteristics are the same as for A604, except as shown in the logic diagram.

**POWER:** +10v(A)/1.0 ma; -15v/30 ma; +10v ref./-9 ma.

**CAUTION**

Care should be taken when using power supplies with separate +10v and -15v on-off controls. If this is the case, the -15v must be turned off first and on last; otherwise, damage to the DACs may result.



**8-4-2-1 FLIP FLOP REGISTER**

A606 — \$62.00