

Output: Each output can drive 425 mA for 600 ns at a PRF of 750 KHz. The following specifications refer to the output waveform.

Maximum TTT of output fall: 150 ns

Maximum TTT of output rise: 100 ns

Minimum cycle time: 1.5  $\mu$ s

#### 4.7 G604 MEMORY SELECTOR MATRIX

This module is used to select the read or write windings of a coincident current memory. Refer to Figure 4-7 for the following functional description. There are four diode-balun networks on each module. Each diode-balun network provides a current path through one winding for read and the reverse current path for write. A balun transformer is used to provide balanced drive.

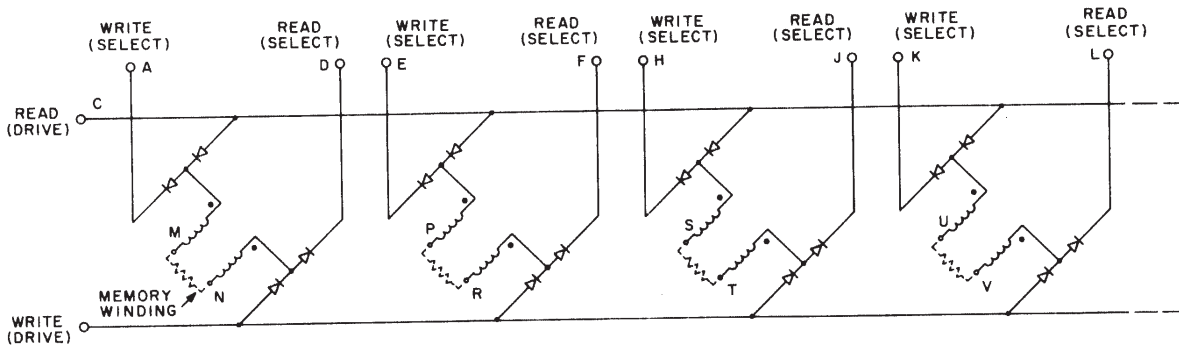


Figure 4-7 Memory Selector Matrix

Input: A 425 mA current for 500 ns at a PRF of 1 MHz. The output pulse from a G206 module.

Output: Each output can drive 425 mA for 500 ns at a PRF of 1 MHz. The following specifications refer to the output waveform.

Maximum TTT output fall:  $\leq$  130 ns

Maximum TTT output rise:  $\leq$  85 ns