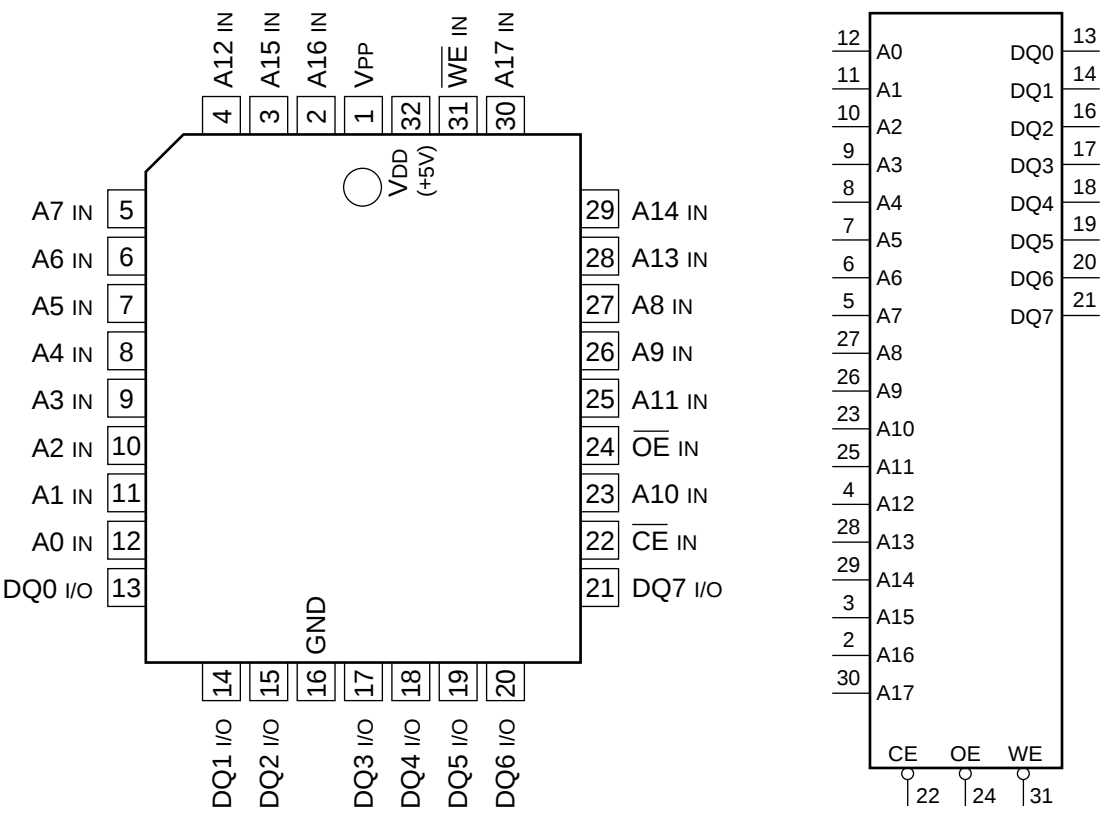


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C-MOS 2048K-BIT FLASH MEMORY  
-TOP VIEW-



- A0-A17 ; ADDRESS INPUTS  
CE ; CHIP ENABLE INPUT  
OE ; OUTPUT ENABLE INPUT  
WE ; WRITE ENABLE INPUT  
DQ0-DQ7 ; DATA INPUTS/OUTPUTS  
VPP ; ERASE/PROGRAM POWER SUPPLY

| OPERATION  |                                | V <sub>PP</sub> | A0 | A9              | $\overline{\text{CE}}$ | $\overline{\text{OE}}$ | $\overline{\text{WE}}$ | DQ0-DQ7    |
|------------|--------------------------------|-----------------|----|-----------------|------------------------|------------------------|------------------------|------------|
| READ-ONLY  | READ                           | 0               | A0 | A9              | 0                      | 0                      | 1                      | DATA OUT   |
|            | OUTPUT DISABLE                 | 0               | X  | X               | 0                      | 1                      | 1                      | TRI-STATE  |
|            | STANDBY                        | 0               | X  | X               | 1                      | X                      | X                      | TRI-STATE  |
|            | INTELLIGENT IDENTIFIER(MFR)    | 0               | 0  | V <sub>ID</sub> | 0                      | 0                      | 1                      | DATA = 89H |
|            | INTELLIGENT IDENTIFIER(DEVICE) | 0               | 1  | V <sub>ID</sub> | 0                      | 0                      | 1                      | DATA = BDH |
| READ/WRITE | READ                           | 1               | A0 | A9              | 0                      | 0                      | 1                      | DATA OUT   |
|            | OUTPUT DISABLE                 | 1               | X  | X               | 0                      | 1                      | 1                      | TRI-STATE  |
|            | STANDBY                        | 1               | X  | X               | 1                      | X                      | X                      | TRI-STATE  |
|            | WRITE                          | 1               | A0 | A9              | 0                      | 1                      | 0                      | DATA-IN    |

0 ; LOW LEVEL

1 ; HIGH LEVEL

X ; DON'T CARE

V<sub>ID</sub> ; V<sub>ID</sub> IS THE INTELLIGENT IDENTIFIER HIGH VOLTAGE (11.50to13.00 V)