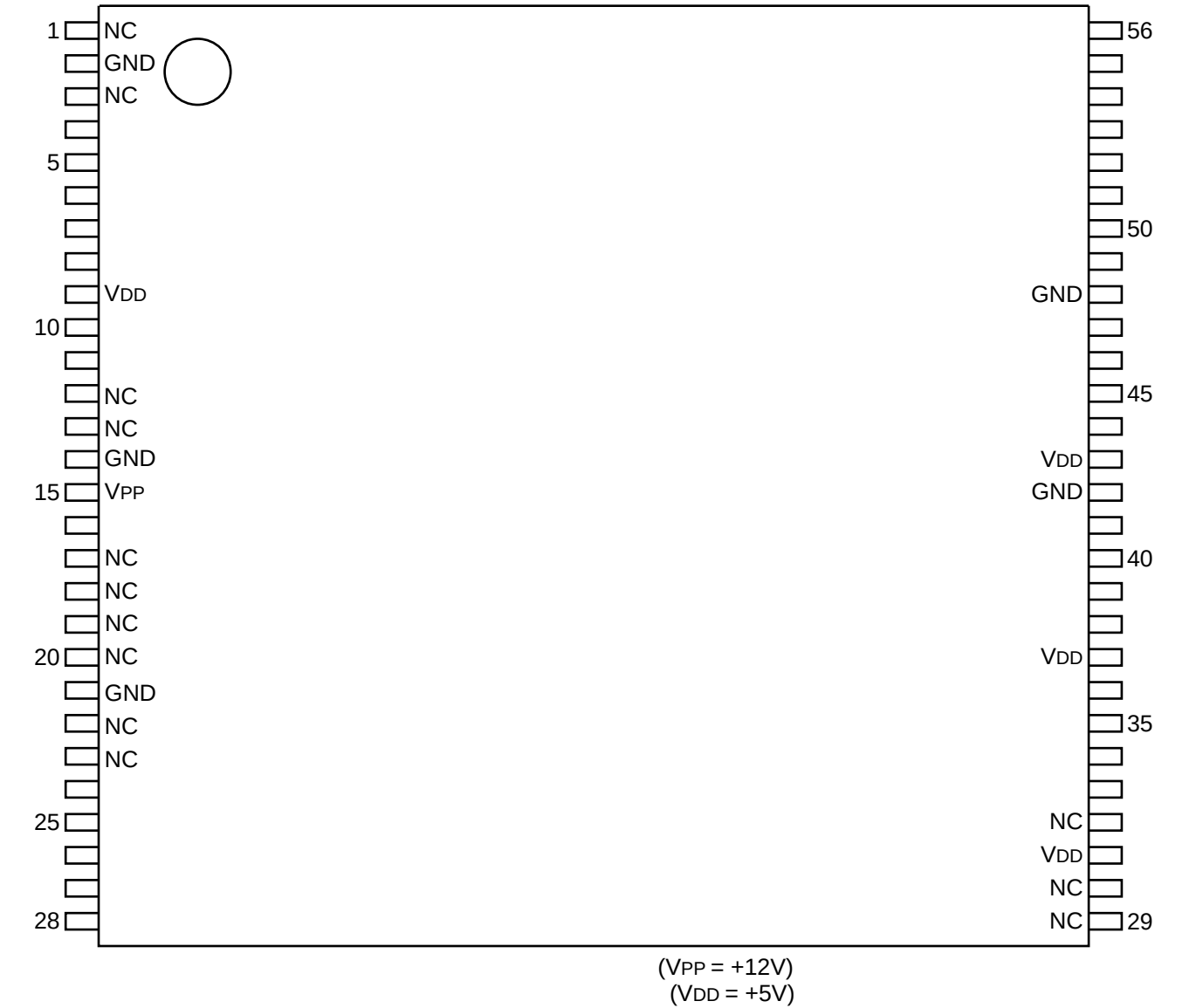


16-MBIT DRAM-INTERFACE FLASH MEMORY  
-TOP VIEW-



| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | INPUT<br>A0-A9 ; MULTIPLEXED ROW/<br>COLUMN ADDRESSES<br>CAS ; COLUMN ADDRESS STROBE<br>OE ; OUTPUT ENABLE<br>RAS ; ROW ADDRESS STROBE<br>RP ; RESET/POWER-DOWN<br>WE ; WRITE ENABLE<br>WP ; WRITE PROTECT |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | -   | NC     | 15      | -   | VPP    | 29      | -   | NC     | 43      | -   | VDD    |                                                                                                                                                                                                            |
| 2       | -   | GND    | 16      | I   | RP     | 30      | -   | NC     | 44      | I/O | DQ4    |                                                                                                                                                                                                            |
| 3       | -   | NC     | 17      | -   | NC     | 31      | -   | VDD    | 45      | I/O | DQ12   |                                                                                                                                                                                                            |
| 4       | I   | A9     | 18      | -   | NC     | 32      | -   | NC     | 46      | I/O | DQ5    |                                                                                                                                                                                                            |
| 5       | I   | A8     | 19      | -   | NC     | 33      | I/O | DQ0    | 47      | I/O | DQ13   |                                                                                                                                                                                                            |
| 6       | I   | A7     | 20      | -   | NC     | 34      | I/O | DQ8    | 48      | -   | GND    |                                                                                                                                                                                                            |
| 7       | I   | A6     | 21      | -   | GND    | 35      | I/O | DQ1    | 49      | I/O | DQ6    |                                                                                                                                                                                                            |
| 8       | I   | A5     | 22      | -   | NC     | 36      | I/O | DQ9    | 50      | I/O | DQ14   |                                                                                                                                                                                                            |
| 9       | -   | VDD    | 23      | -   | NC     | 37      | -   | VDD    | 51      | I/O | DQ7    | INPUT/OUTPUT<br>DQ0-DQ15 ; DATA BUS                                                                                                                                                                        |
| 10      | I   | RAS    | 24      | I   | A4     | 38      | I/O | DQ2    | 52      | I/O | DQ15   |                                                                                                                                                                                                            |
| 11      | I   | CAS    | 25      | I   | A3     | 39      | I/O | DQ10   | 53      | O   | RY/BY  | OPEN DRAIN OUTPUT<br>RY/BY ; READY/BUSY                                                                                                                                                                    |
| 12      | -   | NC     | 26      | I   | A2     | 40      | I/O | DQ3    | 54      | I   | OE     |                                                                                                                                                                                                            |
| 13      | -   | NC     | 27      | I   | A1     | 41      | I/O | DQ11   | 55      | I   | WE     |                                                                                                                                                                                                            |
| 14      | -   | GND    | 28      | I   | A0     | 42      | -   | GND    | 56      | I   | WP     |                                                                                                                                                                                                            |

