## Using a AT28C256 instead of a 27256

AT28C256


27256

| VPP[1 | $\checkmark$ | 28 | $\mathrm{v}_{\mathrm{CC}}$ |
| :---: | :---: | :---: | :---: |
| A12 2 |  | 27 | A14 |
| A7 [ 3 |  | 26 | A13 |
| A6 4 |  | 25 | JA8 |
| A5 5 |  | 24 | JA9 |
| A4 4 |  | 23 | JA11 |
| A3 7 |  | 22 | G |
| A2 8 | M27256 | 21 | IA10 |
| A1 9 |  | 20 | $\overline{\mathrm{E}}$ |
| AO [ 10 |  | 19 | Q7 |
| Q0 [11 |  | 18 | Q6 |
| Q1 [12 |  | 17 | Q5 |
| Q2 [13 |  | 16 | Q4 |
| VSS 14 |  | 15 | , Q3 |

Pins 1 and 27 are different.
To be able to use an AT28C256 instead of a 27256, a small modification is needed.
The most easy solution to do this is with an added IC socket.

1. Solder a wire to socket pin 27 :

2. Connect the wire from socket pin 27 to AT28C256 pin 1:

3. Place the programmed AT28C256 in the socket, except pins 1 and 27 :

4. Connect AT28C256 pin 27 to pin 28:

