

## Application Note #3313

### Upgrading DMC-1000 Firmware

1. Disconnect all ribbon cables from the DMC-1000 controller card, then turn PC power OFF and remove the DMC-1000 controller from the PC.
2. Avoid any danger of static discharge damage during handling of the controller circuit board and EPROM chips by periodically touching the metal case of the PC or by wearing a ground strap.
3. Remove the EPROM chips from the controller and replace with the new EPROM's, making sure to place the L and H labeled chips in the L and H labeled sockets as shown in the diagram below. Place the card upside down as shown, and the IC is inserted with the pin1 notch on the left.
4. Perform a master reset. There are two ways to perform a Master Reset.
5. Place a jumper on JP21, insert the DMC-1000 card back into the PC, and turn PC power ON. While the master reset is in progress, the red Error LED will be on. Once the Error LED turns off, remove the jumper from JP21 and reconnect the ribbon cables to the DMC-1000.
6. Insert the DMC-1000 back into the PC, and turn PC power ON. In DOS, use the terminal program TALK2DMC.EXE program, and at the colon (: ) prompt enter the following command: <ctrl>R <ctrl>S <enter>. In Windows, use the terminal program from the CommDisk or the WSDK, and select Master Reset from the Options menu. Once the master reset is done, then you can reconnect the system cables. The CommDisk is available for free download from the Galil web site at <http://www.galilmc.com>.

