



Summary

The following explains how to copy contents of EEPROM from one board to another board.

Description

Here are the instructions for dumping the contents of the eeprom.

1. First connect the WORKING board to your terminal software. I recommend using Windows Terminal. For setup instructions, see the QED Getting Started Manual.

2. Type the following to the board using the terminal. What this will do is to DUMP the contents of the eeprom to the terminal. You need to save this data. You can capture the data using terminal's "RECEIVE TEXT FILE."

First initialize RECEIVE TEXT FILE in Windows Terminal and choose a text file name, **eeprom.txt**. Next, type the following into the terminal.

HEX

```
AE00 0 AE00 200 DUMP.INTEL
```

The data will show up on the screen as well as being saved in the text file. Press the STOP button after the data is finished.

3. Next open the **eeprom.txt** file using a text editor. Edit the file so that it looks like the following file. (shown on the next page). The section in **bold** represents the data you get from your board. It will be different from what is shown here.

Now save the file **eeprom.txt**.

Save the **eeprom.txt** file. To download the file to the board using Windows Terminal, connect the terminal to the QED Board and "SEND TEXT FILE" and send **eeprom.txt**.

```

\ -----< start of file>-----
hex
B000 0 receive.hex
:20AE0000FFFF000435D7FFFFFFFFFFFF009200008E000090000F28CC008DFFFFFFFFFFFF0
:20AE2000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF32
:20AE4000FFFFFFFFFFFFFFFFC600CE4E287EDF4EC600CE4DBA7EDF4EC6E0CE1CCA7EDF4EFA
:20AE60007EE24AFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF45
:20AE8000FFFFFFFFFFFFFFFFFFFFFFFFFFFFBDE6773BFFFFFFFFBDE6773BFFFFFFFF20
:20AEA000BDE6773BFFFFFFFF7EE677FFFFFFFF7EE677FFFFFFFF7EE677FFFFFFFFBF
:20AEC000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF92
:20AEE000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF72
:20AF0000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF51
:20AF2000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF31
:20AF4000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF11
:20AF6000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF1
:20AF8000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFD1
:20AFA000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFB1
:20AFC000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF91
:20AFE000FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF71
:00000001FF

: COPY->EEPROM
LOCALS{ &count x&dest x&src }
&count 0
DO
    x&src C@ x&dest drop (EEC!)
    x&src 1XN+ T0 x&src
    x&dest 1XN+ T0 x&dest
LOOP
;

\ Now dump the memory in RAM (B000) and store it in EEPROM (AE00)
B000 0 AE00 0 200 COPY->EEPROM

\ Now dump the eeprom contents for inspection
AE00 0 AE00 200 DUMP.INTEL

\ -----<end of file>-----

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Mosaic Industries

5437 Central Ave Suite 1, Newark, CA 94560 Telephone: (510) 790-8222 Fax: (510) 790-0925