AvionTEq
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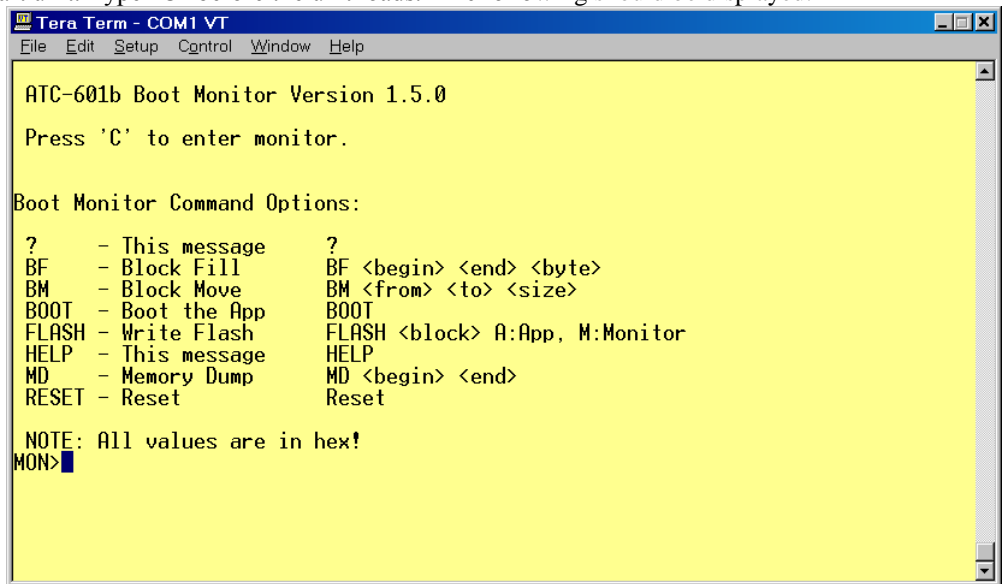Test with full trust

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Before loading the following application, you must setup a connection to the ATC601. An example of this setup for Tera Term can be found in the "teraterm setup.doc" document.
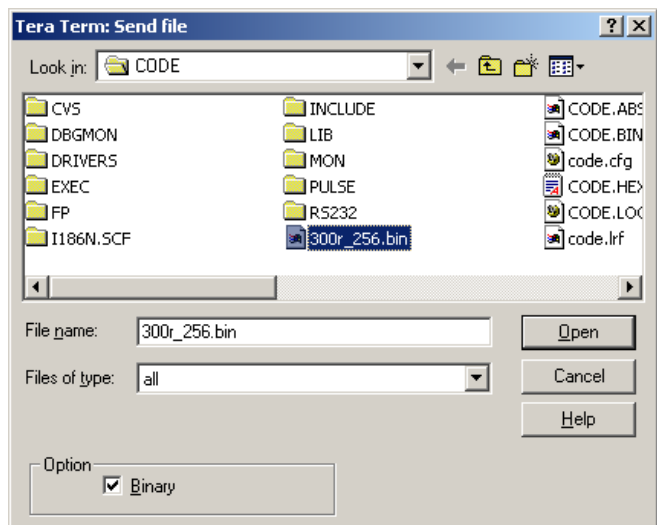
Setup for Tera Term…
1. Setup->Serial Port…
2. Serial Port to desired port.
3. Set Baud rate to "38400".
4. Set Data to "8 bit".
5. Set Parity to "none".
6. Set stop bit to "1 bit".
7. Set flow control to "hardware".

Application load procedure…
1. Connect unit to pc via rs232 cable (IFR Stock #63043).
2. Start unit. Type "C" before the unit loads. The following should be displayed.

```
Tera Term - COM1 VT
File  Edit  Setup  Control  Window  Help

ATC-601b Boot Monitor Version 1.5.0

Press 'C' to enter monitor.


Boot Monitor Command Options:

?      - This message       ?
BF     - Block Fill         BF <begin> <end> <byte>
BM     - Block Move         BM <from> <to> <size>
BOOT   - Boot the App       BOOT
FLASH  - Write Flash        FLASH <block> A:App, M:Monitor
HELP   - This message       HELP
MD     - Memory Dump        MD <begin> <end>
RESET  - Reset              Reset

NOTE: All values are in hex!
MON>
```

3. Type "flash a 1".
4. Download application code to the unit (**NOTE: Make sure Binary is selected**).

```
Tera Term: Send file
Look in: CODE

CVS          INCLUDE       CODE.ABS
DBGMON       LIB           CODE.BIN
DRIVERS      MON           code.cfg
EXEC         PULSE         CODE.HEX
FP           RS232         CODE.LOC
I186N.SCF    300r_256.bin  code.lrf

File name:    300r_256.bin          Open
Files of type: all                  Cancel
                                    Help
Option
   ☑ Binary
```

5. The following should be displayed after download. Note: It may take a minute or two before the "Calculating CRC" and other words appear.

```
Tera Term - COM1 VT
File  Edit  Setup  Control  Window  Help

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Calculating CRC.
Flash Download Complete! 00
Programming complete.
MON>
```
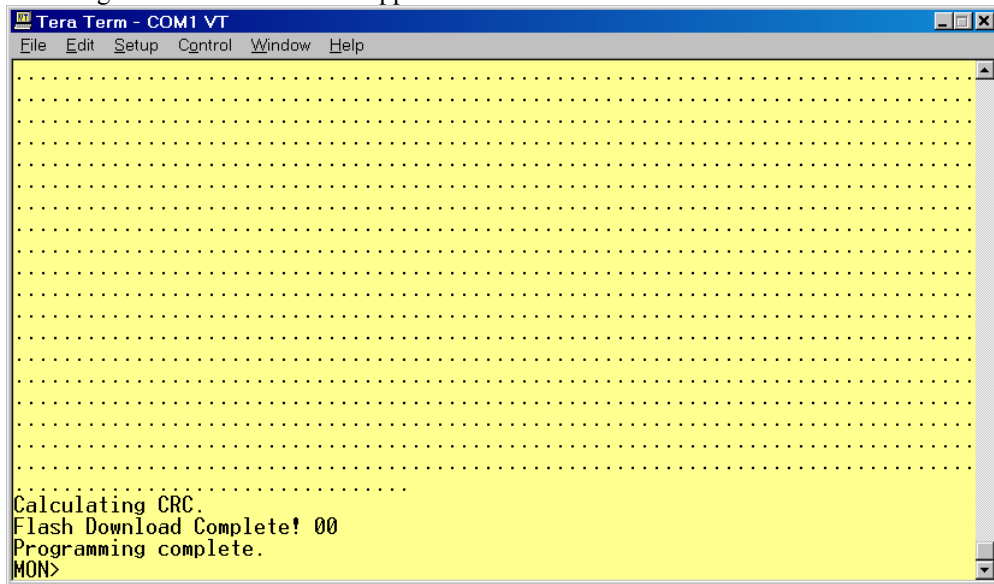
6. The new application should now be loaded.
7. Power off and on the unit to start the new application.