Uploading a Program to the dspstak
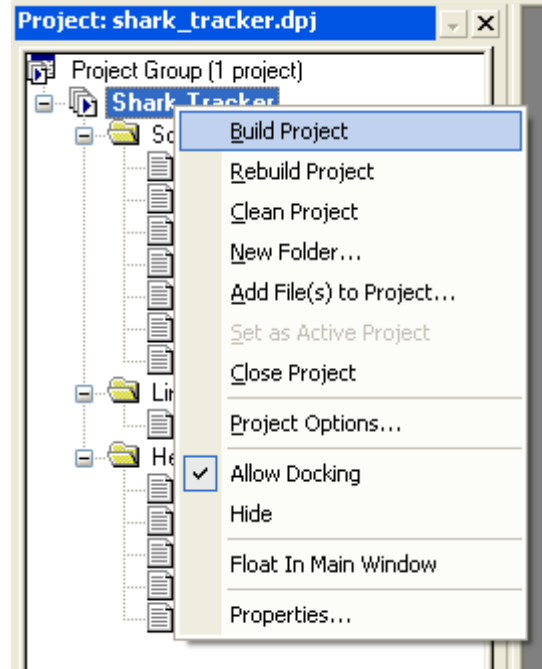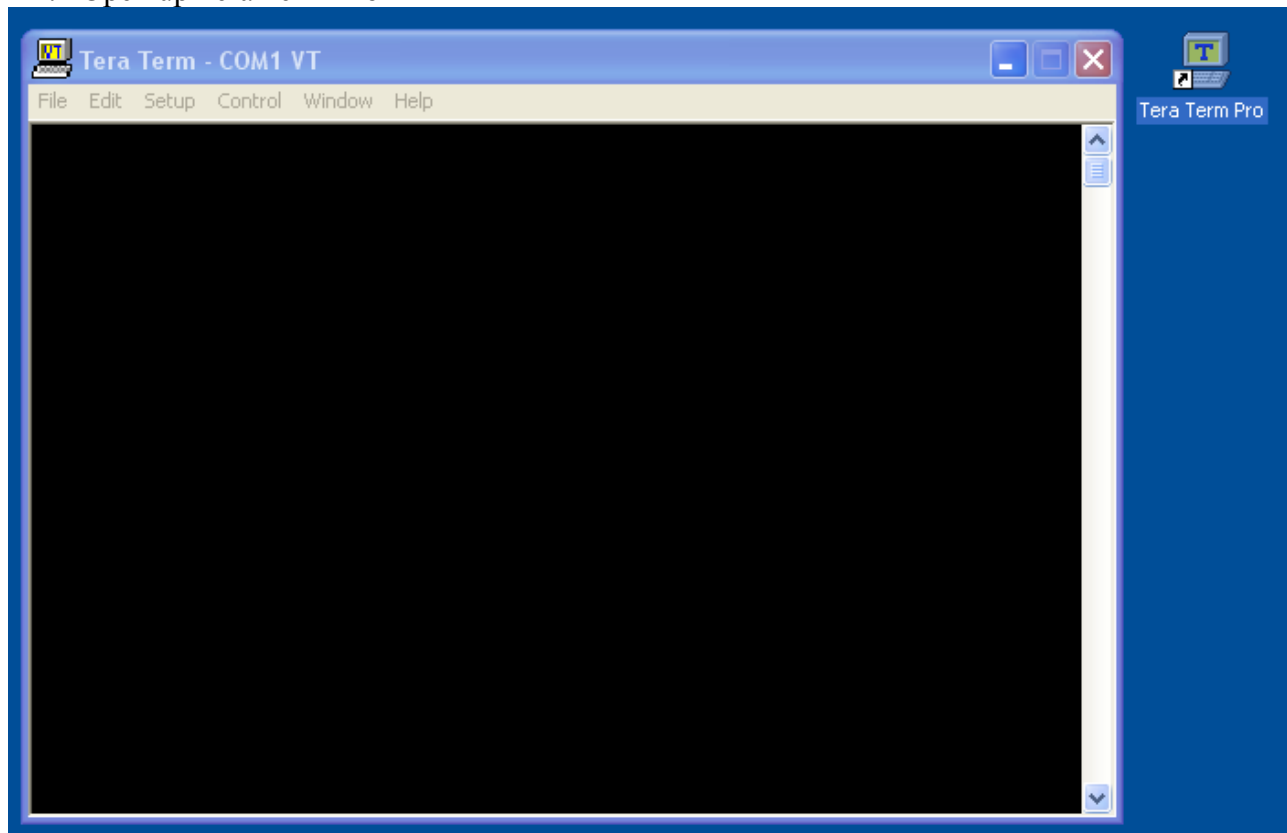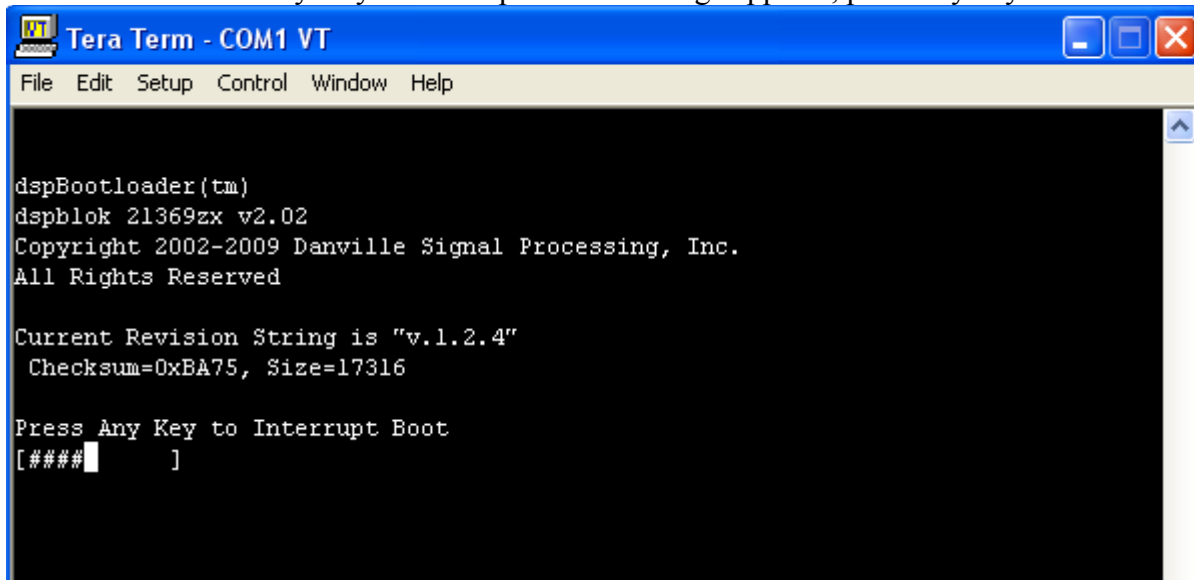
1. Build the project in VisualDSP++

2. Open up Tera Term Pro

3. Turn the dspstak on or hit the reset button on the dspstak

4. When the "Press Any Key to Interrupt Boot" message appears, press any key.
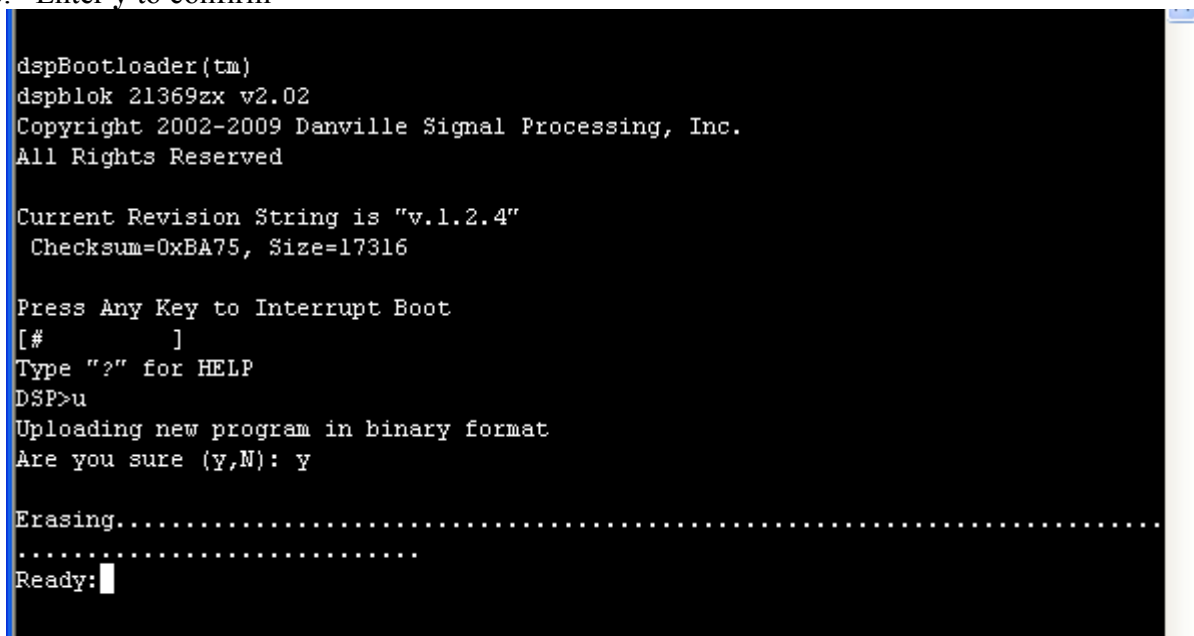
```
Tera Term - COM1 VT

File  Edit  Setup  Control  Window  Help


dspBootloader(tm)
dspblok 21369zx v2.02
Copyright 2002-2009 Danville Signal Processing, Inc.
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Current Revision String is "v.1.2.4"
 Checksum=0xBA75, Size=17316

Press Any Key to Interrupt Boot
[####    ]
```

5. Enter **u** for uploading a program
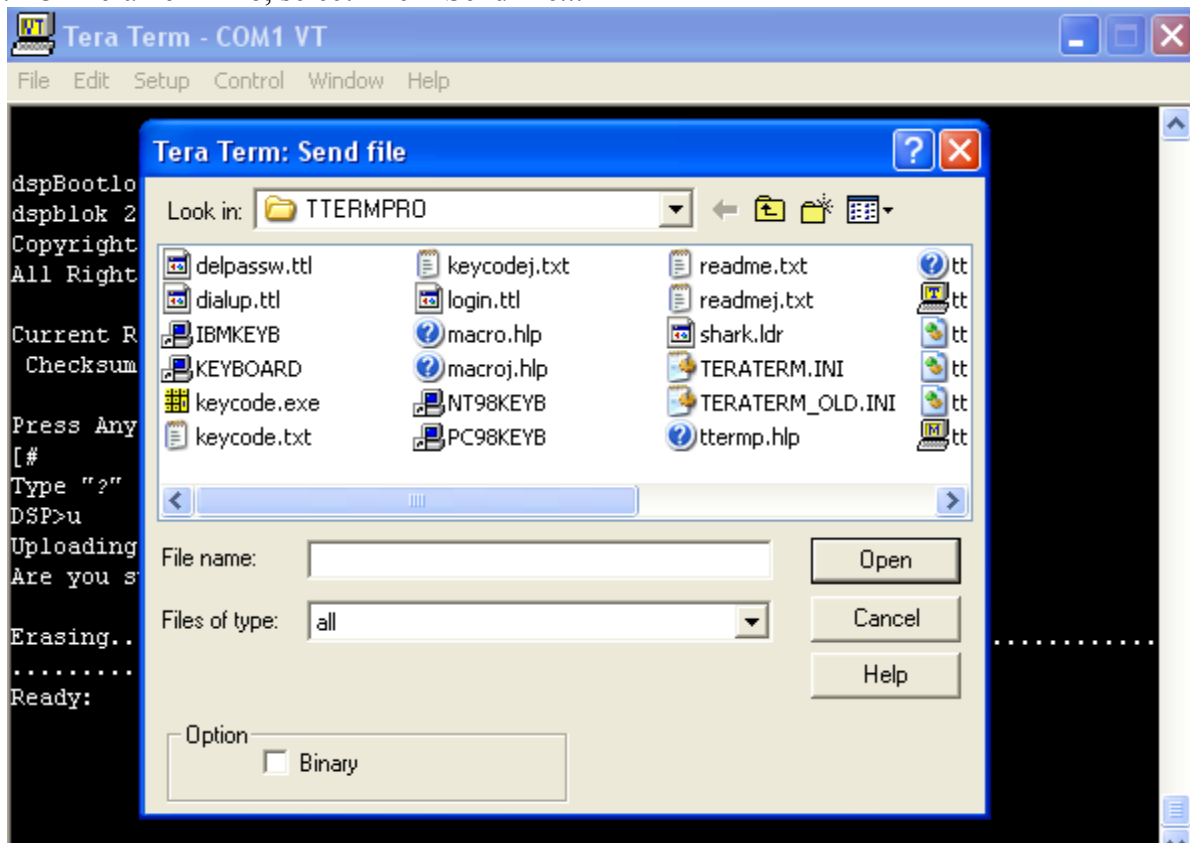6. Enter **y** to confirm

```
dspBootloader(tm)
dspblok 21369zx v2.02
Copyright 2002-2009 Danville Signal Processing, Inc.
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Current Revision String is "v.1.2.4"
 Checksum=0xBA75, Size=17316

Press Any Key to Interrupt Boot
[#        ]
Type "?" for HELP
DSP>u
Uploading new program in binary format
Are you sure (y,N): y

Erasing.........................................................
...........................
Ready:
```
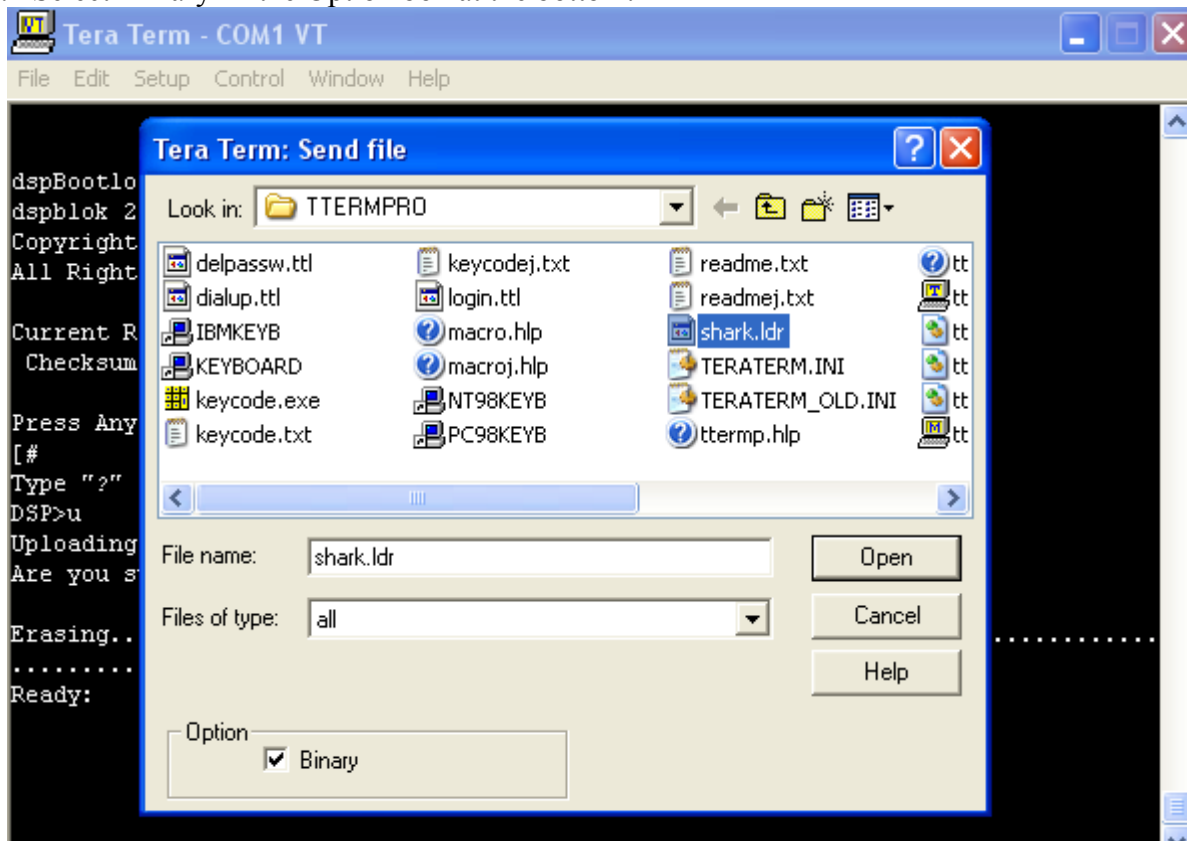
7. On Tera Term Pro, select File > Send file...

8. Select the shark.ldr file

9. Select 'Binary' in the Option box at the bottom.

10. Click "Open"
11. Enter the revision string.
    The revision string follows the following format: a.b.c (ie. 1.3.6)
    a – New release changes (ie. New release of firmware for field use)
    b – Major changes (ie. New functionality in development)
    c – Minor changes (ie. Bug fix in current functionality)
12. Press **q** to quit the upload terminal or reset the dspstak. When the dspstak is booting up, if the process is not interrupted the program will load.