



Fox Delta

Amateur Radio Projects & Kits

FD- FC1

Schematics & Parts List: 35MHZ PIC PIC16F84A LCD Frequency Counter

FC1 35MHZ Frequency Counter Parts List:

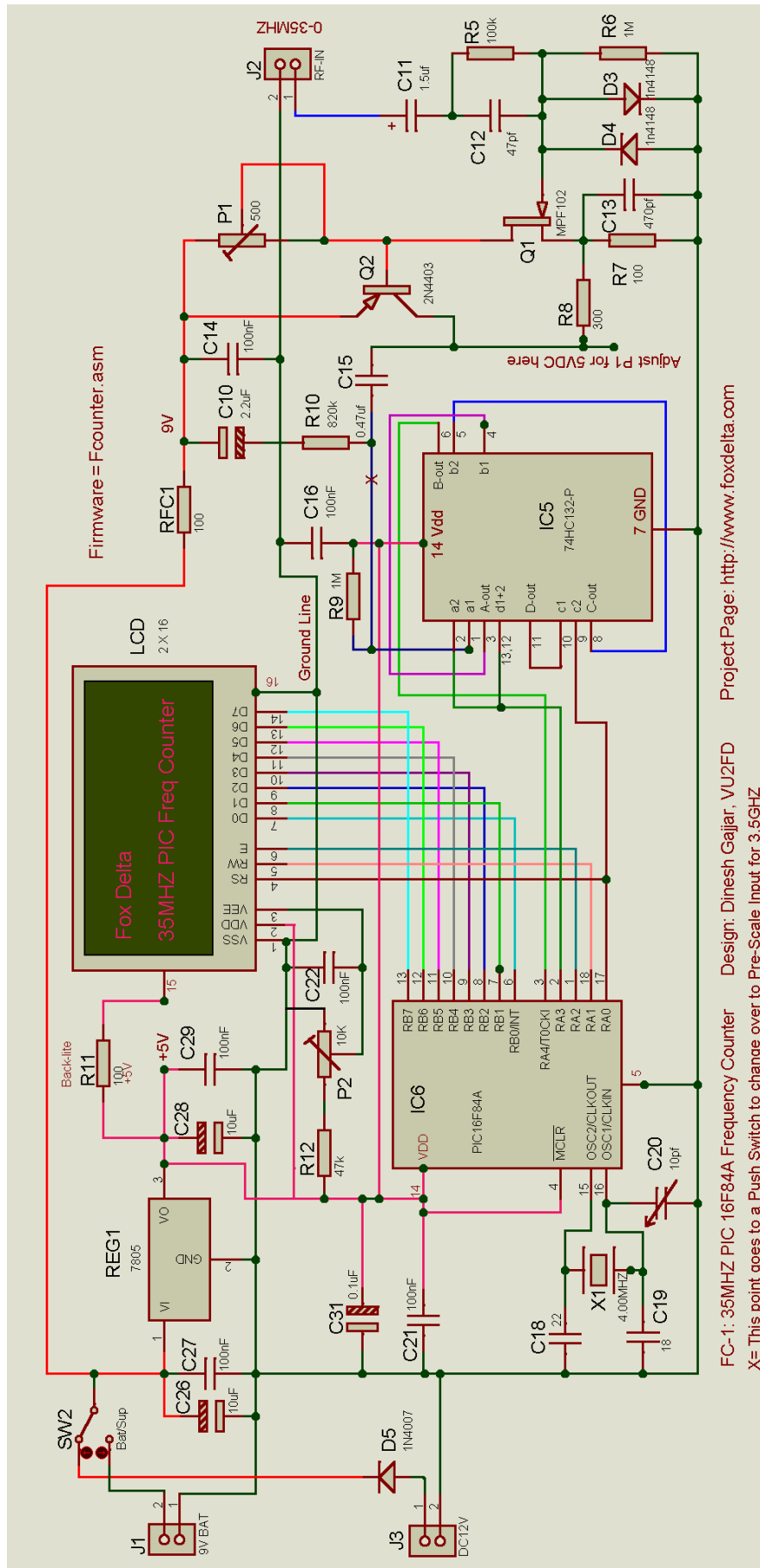
| Quantity | Part ID / Details |
|----------|--|
| 1 | PCB 19X6CM Double sided PTH |
| 1 | PIC16F84A DIP 18 |
| 1 | 74HC132 |
| 1 | 7805 |
| 1 | BNC connector |
| 1 | 16X2 LCD Display |
| 2 | Push Switches |
| 1 | DC Connector |
| 1 | 1N4007 |
| 1 | 9V Battery Connector |
| 1 | 4.000MHZ Crystal |
| 1 | 20pf Trimmer Capacitor |
| 1 | 500 ohms 10T preset (Input Amp) |
| 1 | 10K 10T preset (LCD Contrast) |
| 1 | MPF102 |
| 1 | 2N4403 |
| 1 | 1N4007 |
| 2 | 1N4148 |
| * | Capacitors & Resistors as per schematic. |

An Up-grade kit to 3.5GHZ will be available later.

Want to personalize? : If you are an amateur, please send me your call sign to display on LCD screen upon switch on.

This kit is supplied fully assembled & tested only.

Schematic of the 35MHZ PIC 16F84A LCD Counter:



Project Page: <http://www.foxdelta.com>

Design: Dinesh Gajjar, VU2FD

FC-1: 35MHZ PIC 16F84A Frequency Counter
X= This point goes to a Push Switch to change over to Pre-Scale Input for 3.5GHZ