

Figure 2

```
RECONFIGURABLE UNIVERSAL FILTER  By Saurav Gupta & Tejinder Singh
-----
select Frequency(in Hz/sec)
-----
      (1) 159          (6) 8110.0
      (2) 1591.5      (7) 30.68 K
      (3) 1750.7      (8) 32.20 K
      (4) 6366.0      (9) 37.00 K
      (5) 7957.0      (10) 38.70 K
-----
Your Choice :6
Filter with Reconfigurable Characteristics
-----
select Q (The Quality Factor)
-----
      (1) 2.24        (9) 4.70
      (2) 2.50        (10) 5.36
      (3) 2.35        (11) 6.00
      (4) 2.65        (12) 6.38
      (5) 2.90        (13) 7.72
      (6) 3.12        (14) 11.01
      (7) 3.40        (15) 33.72
      (8) 3.72
-----
Your Choice : 5
You Have Selected the Filter with
Frequency : 8110.00 Hz/sec
Quality Factor : 2.90
Bit Pattern : de (Hex),          1101 1110 (Binary)
-----

Press
Enter : To set the switches
Esc   : To Exit
-----

Chip Programmed Successfully!!
Press any key to exit
```

This user-friendly screen helps you configure the desired filter.