



"Embedding thoughts into Technology"

Embin Technologies Private Limited
306, Sarita 2, Prabhat Industrial Estate,
Near Toll Naka, Dahisar East,
Mumbai - 400 068. India.
Tel : +91-22-28977128
+91-22-28977127
Fax : +91-22-28689486
Email : contact@embin.com
Website : www.embin.com

Drop-down Menu application using a 320x240 monochrome LCD

Client:

US based company.

Requirement:

To develop a graphical menu-based application that allows easy user interface and intuitive understanding on a 320x240 pixel monochrome LCD.

Solution:

Embin has written basic drivers for the LCD controller. These drivers can write to any specified coordinates on the screen. In addition we have implemented the Ramtex LCD library that allows high-level textual and graphical display.

The application on the LCD has nesting and drop-down type menu, similar to Windows. Using external keys, the user can achieve a scrolling effect.

Tools/Platforms:

- » PIC18F87j10 external controller
- » DMF-50840NB-FW-AKE-AS 18400 LCD panel
- » 320x240 pixels monochrome Optrex
- » Ramtex LCD library
- » EPSON S1D13700 LCD Controller