

CMPE 127 Lab 3

SPI Color LCD Interface Design

Design a SPI color LCD display interface to LPC1769 CPU module. Your design should have the following function:

1. Use SPI color LCD display module, design SPI interface based on the reference given in the class, connect the pins to realize SPI interface. In this design we don't use SD card.
 2. Use vector graphics technique to build 2D vector graphics processing demonstration capability by drawing a set of rotating squares. Be sure use the algorithm developed in the class. You can choose any color you prefer to draw the squares.
 3. Have your lab report ready when doing the lab demo in the lab, missing the report will result in some deduction of the score.
- (END)