

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. No need for lab report for this demo yet, but document your work and submit an integrated lab report together with the next lab (a lab to measure human response time).
- (END)