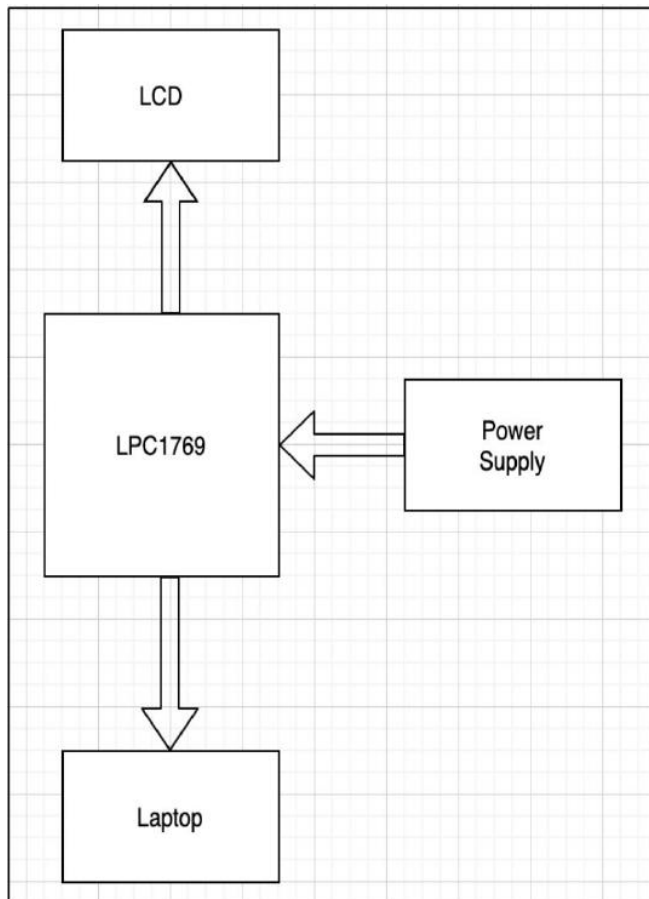


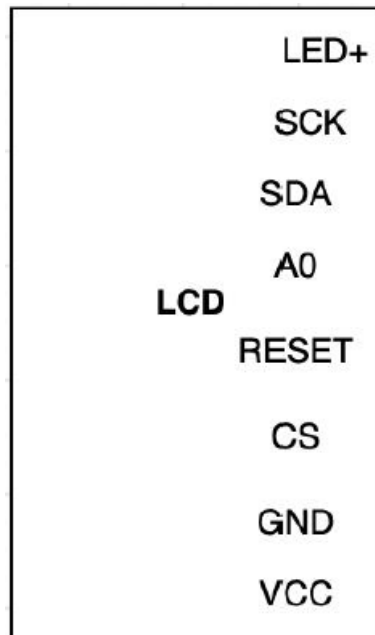
2D Graphics Engine Project

Student Name:	Utsav Savaliya
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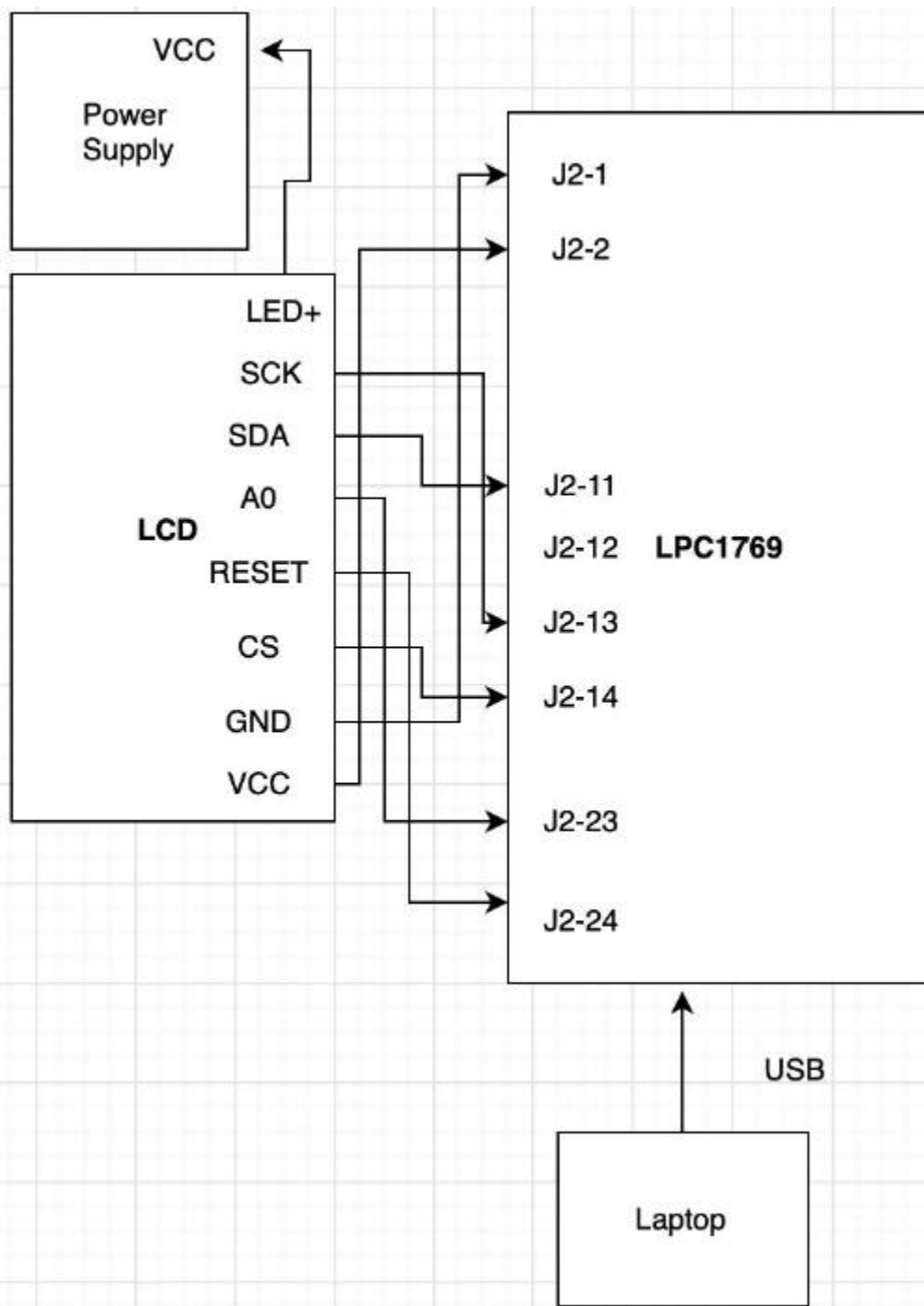
1.1) System block diagrams of the entire system setup including laptop computer



1.2) System block diagram of the SPI color LCD interface



1.3) Schematics of the LPC1769 interface to LCD color display panel

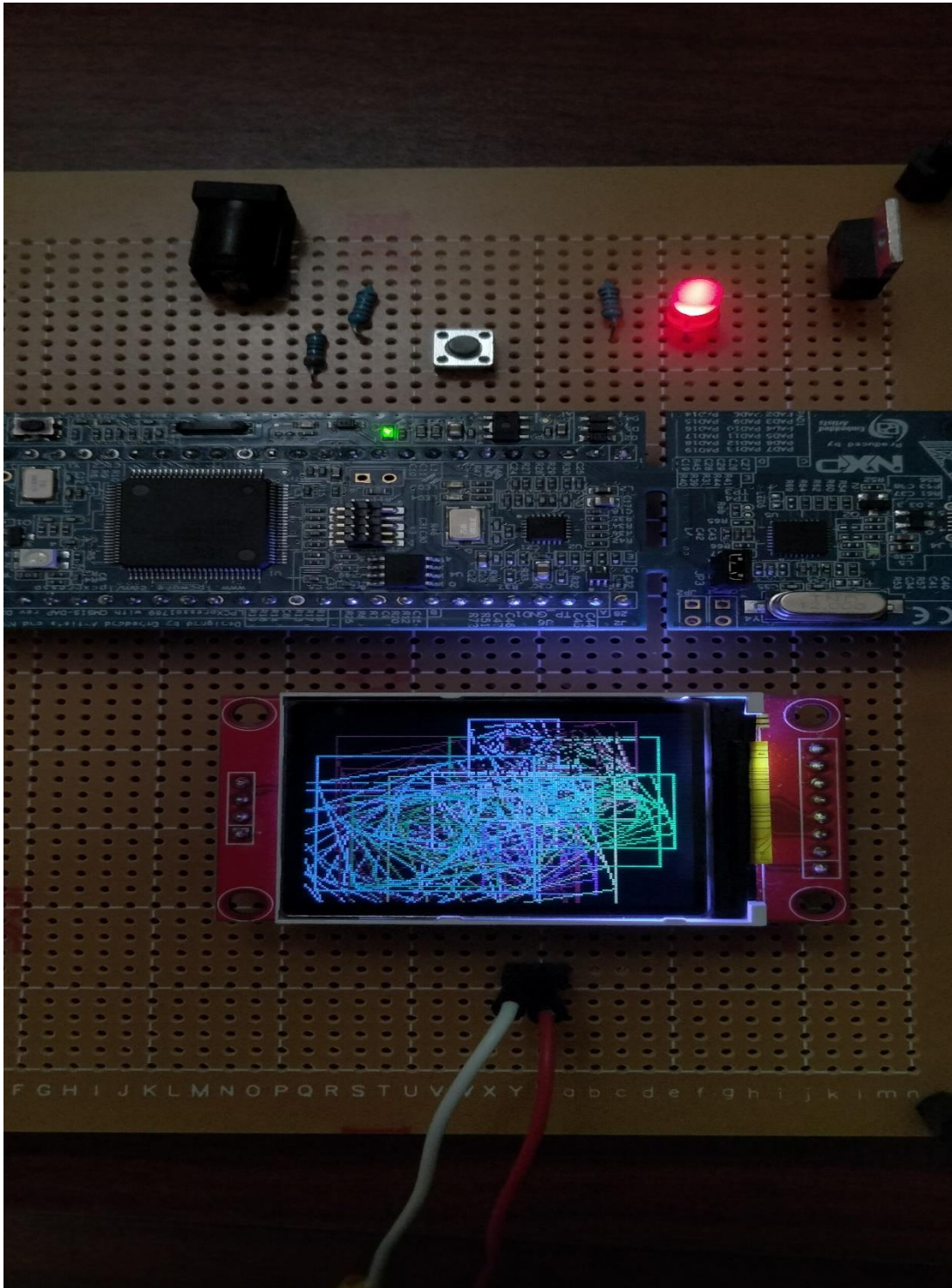


1.4) Table(s) of the pin connectivity

Pin Connection			
LPC1769		LCD Display	
Pin	Pin no.	Pin	Pin no.
VCC		LED+	Pin 1
GND			Pin 7
MOSIO	P0.18(J6-11)	SDA	Pin 3
SCK0	P0.15(J6-13)	SCK	Pin 2
SSEL0	P0.16(J6-14)	TFT_CS	Pin 6
VCC		VCC	Pin 8
GPIO RESET	P0.22(J2-24)	RESET	Pin 5
GPIO DC	P0.21(J2-23)	AO	Pin 4

2) Photo(s) of your implemented screen saver I (rotating squares), and screen saver II (trees)

Rotating Square



Trees(Forest)

