

Button#1 -> D33  
Button#2 -> D34  
Button#3 -> D35  
Button#4 -> D36  
Button#5 -> D37  
Button#6 -> D38

LCD D0 -> D8  
LCD D1 -> D9  
LCD D2 -> D2  
LCD D3 -> D3  
LCD D4 -> D4  
LCD D5 -> D5  
LCD D6 -> D6  
LCD D7 -> D7

LCD RD -> D14  
LCD WR -> D15  
LCD RS -> D16  
LCD CS -> D17  
LCD RST -> D18

MIDI OUT -> D1  
Pin 4 to 220 ohm resistor to 5V.  
Pin 2 to GND  
Pin 5 to 220 ohm resistor to D1

EXP -> D19  
The TIP is connected to D19 and the RING to 3.3V  
(Roland/Boss standard).  
The 100 ohm resistor is there to prevent  
shortcircuits when the jack is inserted or removed.

2.8" TFT  
320x240