Sudoku Solver Connections

1. Arduino Mega (Elgoo brand purchased on Amazon)
2. Power Supply 9 v with barrel pin connects to Arduino Mega
3. Two Adafruit IL29341 TFT 2.8” Breakouts with micro SD slot
   1. TFT 1
      1. DC to Mega Pin 9
      2. CS to Pin 10
      3. SD Select (CCS on TFT) to Mega Pin 4
      4. MOSI to Pin 51
      5. MISO to Pin 50
      6. CLK to Pin 52
      7. 3-5v to Mega 5v out pin
      8. GND to any Mega GND pin
   2. TFT 2
      1. DC to Pin 11
      2. CS to Pin 12
      3. CCS to Pin 7 (but not used)
      4. MISO to Pin 50 or ICSP equivalent
      5. CLK to Pin 52 or ICSP equivalent
      6. MOSI to Pin 51 or ICSP equivalent (convenient that Mega has 2 MOSI/MISO/CLK choices)
      7. 3-5v to Mega 5v out pin
      8. GND to any Mega GND pin
4. Key Pad (Adafruit PID3844 4x4 Matrix Keypad)
   1. R1-R4 to Mega Pins 32-35
   2. C1-C4 to Mega Pins 38-41