|  |  |  |  |
| --- | --- | --- | --- |
| Pin | PORTA | PORTD | PORTE |
| 0 |  | DAC bit 1 | Switch 1 input |
| 1 |  | DAC bit 2 | Joystick Vx |
| 2 | LCD pin 8 | DAC bit 3 | Joystick Vy |
| 3 | LCD pin 6 | DAC bit 4 |  |
| 4 |  |  |  |
| 5 | LCD pin 7 |  |  |
| 6 | LCD pin 4 |  |  |
| 7 | LCD pin 3 |  |  |
|  |  |  |  |

|  |  |
| --- | --- |
| LCD Pin |  |
| 1 Gnd | Ground |
| 2 VCC | 3.3V |
| 3 RESET | PA7 |
| 4 D/C | PA6 |
| 5 CARD\_CS | Unconnected |
| 6 TFT\_CS | PA3 |
| 7 MOSI | PA5 |
| 8 SCK | PA2 |
| 9 MISO | Unconnected |
| 10 Backlight | 3.3V |