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| LCD | Arduino |
| Pin 1 VSS | Ground on breadboard |
| Pin 2 VDD | applied to positive breadboard rail |
| Pin 3 | Lead from potentiometer (variable);see circuit |
| Pin 4 | Connect to Arduino digital 12 |
| Pin 5 | Connect to ground |
| Pin 6 (enable) | Connect to Arduino digital 11 |
| Pin 7-10 | nothing |
| Pin 11 | Connect to Arduino digital pin 5 |
| Pin 12 | Connect to Arduino digital pin 4 |
| Pin 13 | Connect to Arduino digital pin 3 |
| Pin 14 | Connect to Arduino digital pin 2 |
| Pin 15 | Connect to a 220 ohm resistor and then to positive rail (5 volts) |
| Pin16 | Connect to ground |

Piezo speaker connect positive lead to Arduino digital pin9

Piezo speaker connect negative lead to ground on digital side .

Connect Arduino 5 volts to positive breadboard and ground to negative breadboard