Pin Outs

LCD Shield

LCD pin name	Arduino
Reset	pin 8
Enable	pin 9
Data4	pin 4
Data5	pin 5
Data6	pin 6
Data7	pin 7

SD Card Data Logger Shield

Use	Arduino
SPI SCLK	ICSP SCLK
SPI MOSI	ICSP MOSI
SPI MISO	ICSP MISO
SD Chip Select	pin 10
EEPROM Chip Select	pin 3
RTC I2C SCL	I2C SCL
RTC I2C SDA	I2C SDA

Parallel interface

The line printer terminal interface is mapped as below

Name	DB25	Arduino	Direction	Notes
/Strobe	1	pin 18	Input	Pullup enabled. Attached to falling edge interrupt.
D0	2	pin 25	Input	Parallel data.
D1	3	pin 27	Input	Parallel data.
D2	4	pin 29	Input	Parallel data.
D3	5	pin 31	Input	Parallel data.
D4	6	pin 33	Input	Parallel data.
D5	7	pin 35	Input	Parallel data.
D6	8	pin 37	Input	Parallel data.
D7	9	pin 39	Input	Parallel data.
/Acknowledge	10	pin 41	Output	Generate falling edge to acknowledge data.
Busy	11	pin 43	Output	Set high on the falling edge of Strobe. Set low after acknowledging data.
Paper Out	12	pin 45	Output	Not used. Forced low.
Select	13	pin 47	Output	Not used. Forced high.

Name	DB25	Arduino	Direction	Notes
/Auto Feed	14	pin 22	Input	Pullup enabled
/Error	15	pin 24	Output	Not used. Forced high.
/Initialize	16	pin 26	Input	Pullup enabled
/Select In	17	pin 28	Input	Pullup enabled
Ground	18-25	pin 28	Power	