Arduino Rich Shield Port Assignments

Component	Arduino IDE Port	Direction	Type	Note
LED1 (red)	4	Output	Digital	
LED2 (green)	5	Output	Digital	PWM
LED3 (blue)	6	Output	Digital	PWM
LED4 (yellow)	7	Output	Digital	
KEY1	8	Input	Digital	Pullup required
KEY2	9	Input	Digital	Pullup required
Buzzer	3	Output	Digital	INT1/PWM
Infrared Receiver	2	Input	Digital	INT0
LDR (light)	A2	Input	Analogue	
NTC(temperature	A1	Input	Analogue	
Knob(Potentiom-eter)	A0	Input	Analogue	
DHT11	12	Input/Output	Data Signal	
Digit Display	10(clock)/11(data)	Input/Output	Data Signal	
EEPROM	SCL/SDA(19/18)	Input/Output	Data Signal	
N/C	13	Input/Output	Digital	
TX	1	Output	Data Signal	
RX	0	Input	Data Signal	