



LCD1

GND	1
VCC	2
VO	3
RS	4
R/W	5
E	7
DB0	8
DB1	9
DB2	10
DB3	11
DB4	12
DB5	13
DB6	14
DB7	15
CS1	16
CS2	17
RST	18
VEE	19
A	20
K	20

Graphical LCD 128x64

U2

PB0 (XCK/T0)	PA0 (ADC0)
PB1 (T1)	PA1 (ADC1)
PB2 (AIN0/INT2)	PA2 (ADC2)
PB3 (AIN1/OC0)	PA3 (ADC3)
PB4 (SS)	PA4 (ADC4)
PB5 (MOSI)	PA5 (ADC5)
PB6 (MISO)	PA6 (ADC6)
PB7 (SCK)	PA7 (ADC7)
PD0 (RXD)	PC0 (SCL)
PD1 (TXD)	PC1 (SDA)
PD2 (INT0)	PC2 (TCK)
PD3 (INT1)	PC3 (TMS)
PD4 (OC1B)	PC4 (TDO)
PD5 (OC1A)	PC5 (TDI)
PD6 (ICP)	PC6 (TOSC1)
PD7 (OC2)	PC7 (TOSC2)
RESET	VCC
XTAL2	AVCC
XTAL1	AREF
	GND
	GND

ATmega32-16PI

U3

DQ	VCC
GND	GND

DS1820

