A

microSD_card_spi   microSD_spi_conn

GND
VCC
MISO
MOSI
SCK
CS/SS

1 2 3 4 5 6

GND   +5v

Nano Vin

CN1

DOWN

+5v

1 2

GND

BT1
Battery

Nano Vin

GND

RTC_DS3231
RTC

+5v   GND

R1
100K

GND

GND   four_relay_shield_conn

RELAY   +5v

GND	6		
VCC	5		
SDA	4		
SCL	3		
SCW	2		
32K	1		

+5v

R2
100K

arduinoNano
NANO

SEL

+5v

HYGRO

LCD

+5v

SCL	4
SDA	3
VCC	2
GND	1

+5v
GND

16x2_LCD_i2c

	15	D13		D12	14		
	16	3.3V		D11	13		
	17	REF		D10	12		
	18	A7		D9	11		
	19	A6		D8	10		
	20	A5		D7	9		
	21	A4		D6	8		
	25	A3		D5	7		
	24	A2		D4	6		
	23	A1		D3	5		
	22	A0		D2	4		
	29	VIN		GND	3		
	27	RESET		RESET	2		
	28	GND		RXD	1		
	26	5V		TXD	0		

GND	1
IN1	2
IN2	3
IN3	4
IN4	5
VCC	6

GND

+5v

VDD	1
GND	2
DO	3
AO	4

+5v
DHTxx

VDD	1
DATA	2
NC	3
GND	4

DHTxx

GND

+5v

*

DLR

POT
RPot
10k

GND

LEFT

+5v   100K   R3

GND

RIGHT

+5v   100K   R4

GND

UP

+5v   100K   R5

GND

GND

+5v

GND

Nano Vin

Comment	Description	Designator	Footprint	LibRef	Quantity
Battery	Multicell Battery	BT1	BAT-2	Battery	1
CN_2x1		CN1	GP_2x1_F	CN_2x1	1
DHTxx		DHTxx	HDR1X4	DHT11	1
	PHOTOCELL 4K-11K OHM 4.20MM	DLR	GM55	GM55	1
DTSM-65R	DIPTRONICS Red 6x6mm SMD Tactile SPST-NO Switch	DOWN, LEFT, RIGHT, SEL, UP	DTSM-65R	DTSM-65R	5
hygrometer		HYGRO	GP_4x1_F	hygrometer	1
16x2_LCD_i2c		LCD	16x2_LCD_i2c	16x2_LCD_i2c	1
arduinoNano		NANO	Arduino nano	arduinoNano	1
RPot		POT	VR4	RPot	1
100K	RESISTOR 0805 1/4 WATT THIN FILM	R1, R2, R3, R4, R5	0805R-100K	0805R-100K	5
four_relay_shield_conn		RELAY	GP_6x1_F	four_relay_shield_conn	1
RTC_DS3231		RTC	GP_6x1	RTC_DS3231	1
microSD_spi_conn		microSD_card_spi	GP_6x1	microSD_spi_conn	1