uSD — microSD_spi_conn

	GND	VCC	MISO	MOSI	SCK	CS/SS

GND — +5v

Nano Vin

5-12v

GND

5-12v

Nano Vin — GND

DOWN

+5v

R1 100K
GND
GND

R2 100K

SEL

+5v

RTC

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

RTC_DS3231

+5v
GND

LCD

SCL	4
SDA	3
VCC	2
GND	1

16x2_LCD_i2c

+5v
+5v — GND

arduinoNano
NANO

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
GND

+5v

HYGRO

VDD	1
GND	2
DO	3
AO	4

GND — +5v

GND

four_relay_shield_conn
RELAY

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

+5v

DHTxx

VDD	1
DATA	2
NC	3
GND	4

GND

+5v

DLR

*

POT
10k

GND

LEFT

+5v
100K R3
GND

RIGHT

+5v
100K R4
GND

UP

+5v
100K R5
GND

+5v
GND
Nano Vin

Comment	Description	Designator	Footprint	LibRef	Quantity
	Multicell Battery	5-12v	BAT-2	Battery	1
CN_2x1		5-12v	GP_2x1_F	CN_2x1	1
DHTxx	DHTxx	DHTxx	HDR1X4	DHT11	1
	PHOTOCELL 4K-11K OHM 4.20MM	DLR	GM55	GM55	1
CKN9112CT-ND	CKN9112CT-ND SPST-NO Switch	DOWN	DTSM-65R	DTSM-65R	1
hygrometer		HYGRO	GP_4x1_F	hygrometer	1
16x2_LCD_i2c		LCD	16x2_LCD_i2c	16x2_LCD_i2c	1
DTSM-65R	CKN9112CT-ND SPST-NO Switch	LEFT, RIGHT, SEL, UP	DTSM-65R	DTSM-65R	4
arduinoNano		NANO	Arduino nano	arduinoNano	1
3319P-103-ND		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	shield of relays	RELAY	GP_6x1_F	four_relay_shield_conn	1
RTC_DS3231		RTC	GP_6x1_F	RTC_DS3231	1
microSD_spi_conn		uSD	GP_6x1_F	microSD_spi_conn	1