

Comment	Description	Designator	Footprint	LibRef	Quantity
22 pF	Capacitor ceramic	C1, C2	CAP1206R	C NO P	2
0.1uF	Capacitor ceramic	C3, C5, C6, C8, C11	CAP1206R	C NO P	13
10uF Tantalum	10uF Tantalum	C4	SMD - C. POL 9D	SMD_C_POL	1
10 uF -16V	SMD - C. Pol.	C7, C9	SMD - C. POL 9D	SMD_C_POL	2
1uF	Capacitor ceramic	C10	CAP1206R	C NO P	1
10uF - 16V	SMD - C. Pol. 10uF	C13	SMD - C. POL 9D	SMD_C_POL	1
Cap Pol1	Polarized Capacitor	C20, C23, C27	C POL 2	Cap Pol1	3
Cap Pol1	Polarized Capacitor	C21	C POL 1	Cap Pol1	1
Cap	Capacitor	C22, C24, C28, C29	CAP1206R	Cap	5
Cap Pol1	Polarized Capacitor	C25, C26	C POL 3	Cap Pol1	2
Cap Pol1	Polarized Capacitor	C30, C31, C32, C33	C POL 4	Cap Pol1	4
LED SMD 1206		D1	LED 1206 SMD G	LED SMD 1206	1
Diode 1N4007	1 Amp General Pur	D2, D3, D5, D7	1N4001	Diode 1N4007	4
1N5821	Diode Schottky SA	D4, D8	1N5821	1N5821	2
LED	Led Rojo	D6	LED 1206 SMD G	LED2	1
LED SMD		D9, D10, D11, D12	LED 1206 SMD G	LED SMD 1206	4
DSPIC33FJ128GP80	High-Performance	DSP	TQFP-PT44_M	DSPIC33FJ128GP80	1
portafusible		F1	Portafusible	portafusible	1
GPS ET-332		GPS1	GPS ET-332	GPS ET-332	1
HMI	Header HMI	HMI1	HEADER WF55	HEADER HMI	1
LM3368BDG4-2-5	Integrated Circuit	IC1	LM336	LM3368BDG4-2-5	1
FT232BL	FTDI FT232BL USB/	IC2	TQFP32	FT232BL	1
93C66	93C66 4096-Bit Ser	IC3	DIP 8	93C66	1
LM2596	LM2599 Simple Swi	IC4, IC5	TO-263	LM2596	2
GJ1117-3.3V	GJ1117 - 3.3 or 5.0	IC6	TO-252	GJ1117-3.3V	1
MAX232	MAX232	IC7	SOIC16	MAX232	1
6N137_v1		IC8, IC9, IC10, IC11	DIP8	6N137_v1	9
4N32	Optocouplador DC	IC17, IC19, IC20, IC	DIP6	4N32_V1	4
ULN2803A	Octal Peripheral Dr	IC18	ULN280XA - DIP	ULN2803A	1
ULN2801A	Octal Peripheral Dr	IC22	ULN280XA - DIP	ULN2801A	1
HEADER ICSP PICK	Header ICSP PICK	J1	J6	HEADER ICSP PICK	1
LED RX	Led SMD 1206 - Gr	L1	LED 1206 SMD G	LED	1
LED TX	Led SMD 1206 - Gr	L2	LED 1206 SMD G	LED	1
Inductor	Inductor	L3, L4	BOBINA 150 UHY	Inductor	2
Par. Emerg	Header, 2-Pin	P1	EK-500V-3P-2	Header 2	1
Bornera de 220V	Header, 3-Pin	P2	EK-500V-3P-3	Header 3	1
Header 4	Header, 4-Pin	P3	HEADER 4	Header 4	1
Bornera RS-232	Header, 3-Pin	P4	EK-500V-3P-3	Header 3	1
Encoders 2	Header, 5-Pin	P5	ENCODERS	Header 5	1
Header 7	Header, 7-Pin	P6	EK-500V-3P-7	Header 7	1
Bornera de Relé/C	Header, 5-Pin	P7	EK-500V-3P-5	Header 5	1
Anemometro	Header, 3-Pin	P8	HEADER 3	Header 3	1
Header 2	Header, 2-Pin	P9	HEADER 2	Header 2	1
End/Stop 1	Header, 3-Pin	P11	HEADER 3	Header 3	1
End/Stop 2	Header, 3-Pin	P12	HEADER 3	Header 3	1
Encoders 1	Header, 5-Pin	P14	ENCODERS	Header 5	1
10k	Resistencia SMD 1	R1, R10, R15, R18,	RES1206R	R_SMD	12
470	Resistencia SMD 1	R2, R53	RES1206R	R_SMD	2
330R	Resistencia SMD 1	R3	RES1206R	R_SMD	1
330	Resistencia SMD 1	R4	RES1206R	R_SMD	1
2.2k	Resistencia SMD 1	R5, R26, R27	RES1206R	R_SMD	3
470R	Resistencia SMD 1	R6	RES1206R	R_SMD	1
1K	Resistencia SMD 1	R7, R8, R20, R23, R	RES1206R	R_SMD	5
4K7	Resistencia SMD 1	R9	RES1206R	R_SMD	1
2K2	Resistencia SMD 1	R11, R12, R17	RES1206R	R_SMD	3
1K5	Resistencia SMD 1	R13	RES1206R	R_SMD	1
22R	Resistencia SMD 1	R14, R16	RES1206R	R_SMD	2
8.2K	Resistencia SMD 1	R19, R82	RES1206R	R_SMD	2
560	Resistencia SMD 1	R22	RES1206R	R_SMD	1
6.8K	Resistencia SMD 1	R24	RES1206R	R_SMD	1
3.3K	Resistencia SMD 1	R25	RES1206R	R_SMD	1
1.2K	Resistencia SMD 1	R30, R31, R32, R34	RES1206R	R_SMD	22
15K	Resistencia SMD 1	R33, R35, R40, R43	RES1206R	R_SMD	9
8K2	Resistencia SMD 1	R49	RES1206R	R_SMD	1
390K	Resistencia SMD 1	R52	RES1206R	R_SMD	1
1.5K	Resistencia SMD 1	R61, R63, R67, R73	RES1206R	R_SMD, R_PRUEBA	4
12K	Resistencia SMD 1	R69, R76	RES1206R	R_SMD	2
33K	Resistencia SMD 1	R71	RES1206R	R_SMD	1
10 K		R74	RES1206R	R_PRUEBA	1
560R	Resistencia SMD 1	R78, R79, R80, R81	RES1206R	R_SMD	4
56R	Resistencia SMD 1	R83, R84	RES1206R	R_SMD	2
SRD-12VDC-SL-C	Relay or Contactor	Relé 1, Relé 2, Relé	SRD	SRD-12VDC-SL-C	4
SW-PB		S1	TSS.0G	SW-PB	1
TRAFO 21548		T1	TRAFO 21548	TRAFO 21548	1
INA333_v1		U1	INA333	INA333_v1	1
LM358_V1		U2	DIP 8	LM358_V1	1
USB B Vertical	USB-B1KSB6 - CON	USB1	USB B VERTICAL	USB Type b	1
Jumper	Jumper Wire	W1, W2	HEADER 2	Jumper	2
6MHz XTAL	Crystal Oscillator	X	HC49 SMD	XTAL	1
XTAL 10MHz	Crystal Oscillator	X1	HC49 SMD	XTAL	1