



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	100NFX50V X7R 10% CER.MULT. SMD 1206	C1	CAPC3216X100N	CL31B104KBCNNNC	1
1uF	100NFX50V X7R 10% CER.MULT. SMD 1206	C2, C3, C4	CAPC3216X100N	CL31B104KBCNNNC	3
100uFX16V	100uFX16V 20% 6.3x5.4 ELE.RAD.SMD	C5, C8, C11	CAPAE660X550N	NACE101M16V6.3X5.5 TR13F	3
10uF/16V(10%)	100NFX50V X7R 10% CER.MULT. SMD 1206	C6, C9, C12	CAPC3216X100N	CL31B104KBCNNNC	3
0.1uF/16V(10%)	100NFX50V X7R 10% CER.MULT. SMD 1206	C7, C10, C13	CAPC3216X100N	CL31B104KBCNNNC	3
M7L	Diode	D7	DIONM5327X240N	M7L	1
M7A	Diode	D7	DIONM5027X262N	M7A	1
SN75176AD	Integrated Circuit	IC3_RS485-0, IC3_RS485-1	SOIC127P600X175-8N	SN75176AD	2
LD1117DT33CTR	TO-252-3/DPACK 0.95A 3.3V	IC6	L7805CDTTR	LD1117DT33CTR	1
L7805CDT-TR	Integrated Circuit	IC7	L7805CDTTR	L7805CDT-TR	1
ESP32-S3-WROOM-1-N4	Integrated Circuit	IC8	Model Name	ESP32-S3-WROOM-1-N4	1
1729021	Connector	J7	1729021	1729021	1
1729050	Connector	J7	1729050	1729050	1
1729209	Connector	J7	1729209	1729209	1
JS1-12V-F	Relay or Contactor	K7	JS1-12V-F_1	JS1-12V-F	1
APHCM2012SURCK-F01	LED	LED1, LED3, LED5, LED7	APHCM2012SURCKF01	APHCM2012SURCK-F01	4
Header 6	Header, 6-Pin	P1	HDR1X6	Header 6	1
I2C	Header, 4-Pin	P2	HDR1X4	Header 4	1
RTC	Header, 4-Pin	P3	HDR1X4	Header 4	1
Header 16	Header, 16-Pin	P7	HDR1X16	Header 16	1
BC817-40	Transistor BJT NPN	Q7	BC81740215	BC817-40.215	1
1K	Resistor	R2, R4, R6, R9, R16_RS485-0, R16_RS485-1, R7	RESC3216X75N	CR1206-F_-2R00ELF	7
10K	Resistor	R5, R7, R8, R14_RS485-0, R14_RS485-1, R18_RS485-0, R18_RS485-1, R7	RESC3216X75N	CR1206-F_-2R00ELF	8
20K	Resistor	R13_RS485-0, R13_RS485-1, R17_RS485-0, R17_RS485-1	RESC3216X75N	CR1206-F_-2R00ELF	4
120	Resistor	R15_RS485-0, R15_RS485-1	RESC3216X75N	CR1206-F_-2R00ELF	2
2k7	Resistor	R7_U_EntradasAnalog icas1, R7_U_EntradasAnalog icas2, R7_U_EntradasAnalog icas3, R7_U_EntradasAnalog icas4, R7_U_EntradasAnalog icas5, R7_U_EntradasAnalog icas6, R7_U_EntradasAnalog icas7, R7_U_EntradasAnalog icas8	RESC3216X75N	CR1206-F_-2R00ELF	8
39k	Resistor	R7_U_EntradasAnalog icas1, R7_U_EntradasAnalog icas2, R7_U_EntradasAnalog icas3, R7_U_EntradasAnalog icas4, R7_U_EntradasAnalog icas5, R7_U_EntradasAnalog icas6, R7_U_EntradasAnalog icas7, R7_U_EntradasAnalog icas8	RESC3216X75N	CR1206-F_-2R00ELF	8
1825965-1	Switch	S1, S2, S3	TAC-SWITCH 2CONT. 3.5X6MM	1825965-1	3
MMSZ5226B-7-F	Zener Diode	Z7_U_EntradasAnalog icas1, Z7_U_EntradasAnalog icas2, Z7_U_EntradasAnalog icas3, Z7_U_EntradasAnalog icas4, Z7_U_EntradasAnalog icas5, Z7_U_EntradasAnalog icas6, Z7_U_EntradasAnalog icas7, Z7_U_EntradasAnalog icas8	MMSZ5226B7F	MMSZ5226B-7-F	8