

Action	Object	Change Document	Status
Add Components			
Add	D2.1	To MainBoard.PcbDoc	Footprint Not Found D5A20V
Add	D2.2	To MainBoard.PcbDoc	Footprint Not Found D5A20V
Add	FB1	To MainBoard.PcbDoc	Footprint Not Found BEADC1608X
Add	IC7	To MainBoard.PcbDoc	Footprint Not Found SHTC3
Add	IC13	To MainBoard.PcbDoc	Footprint Not Found SOP65P780X
Add	IC14	To MainBoard.PcbDoc	Footprint Not Found SOP65P780X
Add	IC15	To MainBoard.PcbDoc	Footprint Not Found SOP65P780X
Add	IC17	To MainBoard.PcbDoc	Footprint Not Found SOP65P780X
Add	IN 1	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 2	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 1	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 2	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 3	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 4	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 5	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 6	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 7	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	IN 3 U Channel 8	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	M1	To MainBoard.PcbDoc	Footprint Not Found SOT23
Add	M2	To MainBoard.PcbDoc	Footprint Not Found SOT23
Add	OUT 1	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	OUT 2	To MainBoard.PcbDoc	Footprint Not Found CON 2CH PI
Add	Q7	To MainBoard.PcbDoc	Footprint Not Found SOT95P237X
Add	Q8	To MainBoard.PcbDoc	Footprint Not Found SOT95P237X
Add	Q9	To MainBoard.PcbDoc	Footprint Not Found SOT95P237X
Add	Q10	To MainBoard.PcbDoc	Footprint Not Found SOT95P237X
Add	RELAY 1.1	To MainBoard.PcbDoc	Footprint Not Found RELAY_DC
Add	RELAY 1.2	To MainBoard.PcbDoc	Footprint Not Found RELAY_DC
Add	RELAY 2.1	To MainBoard.PcbDoc	Footprint Not Found RELAY_DC
Add	RELAY 2.2	To MainBoard.PcbDoc	Footprint Not Found RELAY_DC
Add	S1	To MainBoard.PcbDoc	Footprint Not Found 1825027-8

Action	Object	Change Document	Status
Add Pins To Nets			
Add	D2.1-1 to IN+ BDD 2	In MainBoard.PcbDoc	Unknown Pin: Pin D2.1-1
Add	D2.1-2 to IN- BDD 2	In MainBoard.PcbDoc	Unknown Pin: Pin D2.1-2
Add	D2.2-1 to 5V	In MainBoard.PcbDoc	Unknown Pin: Pin D2.2-1
Add	FB1-1 to 5V FTDI	In MainBoard.PcbDoc	Unknown Pin: Pin FB1-1
Add	FB1-2 to NetC4 2	In MainBoard.PcbDoc	Unknown Pin: Pin FB1-2
Add	IC7-4 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC7-4
Add	IC13-1 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-1
Add	IC13-5 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-5
Add	IC13-7 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-7
Add	IC13-8 to NetIC13 8	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-8
Add	IC13-10 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-10
Add	IC13-11 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-11
Add	IC13-12 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-12
Add	IC13-13 to NetIC13 13	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-13
Add	IC13-14 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-14
Add	IC13-16 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-16
Add	IC13-17 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-17
Add	IC13-18 to SDA ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-18
Add	IC13-19 to SCL ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-19
Add	IC13-20 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC13-20
Add	IC14-1 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-1
Add	IC14-5 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-5
Add	IC14-7 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-7
Add	IC14-8 to NetIC14 8	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-8
Add	IC14-10 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-10
Add	IC14-11 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-11
Add	IC14-12 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-12
Add	IC14-13 to NetIC14 13	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-13
Add	IC14-14 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-14
Add	IC14-16 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-16
Add	IC14-17 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-17
Add	IC14-20 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC14-20
Add	IC15-1 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-1
Add	IC15-5 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-5
Add	IC15-7 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-7
Add	IC15-8 to NetIC15 8	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-8
Add	IC15-10 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-10
Add	IC15-11 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-11
Add	IC15-12 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-12
Add	IC15-13 to NetIC15 13	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-13
Add	IC15-14 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-14
Add	IC15-16 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-16
Add	IC15-17 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-17
Add	IC15-20 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC15-20
Add	IC17-1 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-1
Add	IC17-5 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-5
Add	IC17-7 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-7
Add	IC17-8 to NetIC17 8	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-8
Add	IC17-10 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-10
Add	IC17-11 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-11
Add	IC17-12 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-12
Add	IC17-13 to NetIC17 13	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-13
Add	IC17-14 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-14
Add	IC17-16 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-16
Add	IC17-17 to VCC ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-17
Add	IC17-20 to GND ISO	In MainBoard.PcbDoc	Unknown Pin: Pin IC17-20
Add	IN 1-1 to GND BDD2	In MainBoard.PcbDoc	Unknown Pin: Pin IN 1-1
Add	IN 1-2 to BDD1 +	In MainBoard.PcbDoc	Unknown Pin: Pin IN 1-2
Add	IN 2-1 to GND BDD2	In MainBoard.PcbDoc	Unknown Pin: Pin IN 2-1
Add	IN 2-2 to BDD2 +	In MainBoard.PcbDoc	Unknown Pin: Pin IN 2-2
Add	IN 3 U Channel 1-1 to cerpadlo+ U Channel 1	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 1-2 to cerpadlo- U Channel 1	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 2-1 to cerpadlo+ U Channel 2	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 2-2 to cerpadlo- U Channel 2	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 3-1 to cerpadlo+ U Channel 3	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 3-2 to cerpadlo- U Channel 3	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 4-1 to cerpadlo+ U Channel 4	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 4-2 to cerpadlo- U Channel 4	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel
Add	IN 3 U Channel 5-1 to cerpadlo+ U Channel 5	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channel

Action	Object	Change Document	Status
Add Pins To Nets			
Add	IN 3 U Channel 5-2 to cerpadlo- U Channel 5	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 6-1 to cerpadlo+ U Channel 6	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 6-2 to cerpadlo- U Channel 6	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 7-1 to cerpadlo+ U Channel 7	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 7-2 to cerpadlo- U Channel 7	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 8-1 to cerpadlo+ U Channel 8	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	IN 3 U Channel 8-2 to cerpadlo- U Channel 8	In MainBoard.PcbDoc	Unknown Pin: Pin IN 3 U Channe
Add	M1-1 to NetM1_1	In MainBoard.PcbDoc	Unknown Pin: Pin M1-1
Add	M1-2 to GND_BDD2	In MainBoard.PcbDoc	Unknown Pin: Pin M1-2
Add	M1-3 to RELE_2	In MainBoard.PcbDoc	Unknown Pin: Pin M1-3
Add	M2-1 to NetM2_1	In MainBoard.PcbDoc	Unknown Pin: Pin M2-1
Add	M2-2 to GND_BDD2	In MainBoard.PcbDoc	Unknown Pin: Pin M2-2
Add	OUT_1-1 to OUT_2_BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin OUT_1-1
Add	OUT_1-2 to OUT_1_BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin OUT_1-2
Add	OUT_2-1 to OUT_2_BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin OUT_2-1
Add	OUT_2-2 to OUT_1_BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin OUT_2-2
Add	Q7-1 to EN_4	In MainBoard.PcbDoc	Unknown Pin: Pin Q7-1
Add	Q7-2 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin Q7-2
Add	Q7-3 to NetIC14_8	In MainBoard.PcbDoc	Unknown Pin: Pin Q7-3
Add	Q8-1 to EN_2	In MainBoard.PcbDoc	Unknown Pin: Pin Q8-1
Add	Q8-2 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin Q8-2
Add	Q8-3 to NetIC13_8	In MainBoard.PcbDoc	Unknown Pin: Pin Q8-3
Add	Q9-1 to EN_6	In MainBoard.PcbDoc	Unknown Pin: Pin Q9-1
Add	Q9-2 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin Q9-2
Add	Q9-3 to NetIC15_8	In MainBoard.PcbDoc	Unknown Pin: Pin Q9-3
Add	Q10-1 to EN_1	In MainBoard.PcbDoc	Unknown Pin: Pin Q10-1
Add	Q10-2 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin Q10-2
Add	Q10-3 to NetIC17_8	In MainBoard.PcbDoc	Unknown Pin: Pin Q10-3
Add	RELAY_1.1-1 to OUT_1_BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.1-1
Add	RELAY_1.1-2 to 5V	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.1-2
Add	RELAY_1.1-3 to IN+ BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.1-3
Add	RELAY_1.1-4 to IN- BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.1-4
Add	RELAY_1.1-5 to RELE_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.1-5
Add	RELAY_1.2-1 to OUT_2_BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.2-1
Add	RELAY_1.2-2 to 5V	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.2-2
Add	RELAY_1.2-3 to IN- BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.2-3
Add	RELAY_1.2-4 to IN+ BDD_1	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.2-4
Add	RELAY_1.2-5 to RELE_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_1.2-5
Add	RELAY_2.1-1 to OUT_1_BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.1-1
Add	RELAY_2.1-2 to 5V	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.1-2
Add	RELAY_2.1-3 to IN+ BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.1-3
Add	RELAY_2.1-4 to IN- BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.1-4
Add	RELAY_2.2-1 to OUT_2_BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.2-1
Add	RELAY_2.2-2 to 5V	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.2-2
Add	RELAY_2.2-3 to IN- BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.2-3
Add	RELAY_2.2-4 to IN+ BDD_2	In MainBoard.PcbDoc	Unknown Pin: Pin RELAY_2.2-4
Add	S1-1 to GND	In MainBoard.PcbDoc	Unknown Pin: Pin S1-1
Add	S1-2 to RST	In MainBoard.PcbDoc	Unknown Pin: Pin S1-2

Add Nets			
Add	3V3	To MainBoard.PcbDoc	
Add	RELE_2	To MainBoard.PcbDoc	
Add	SCL_ISO	To MainBoard.PcbDoc	
Add	SCL_ISO	To MainBoard.PcbDoc	
Add	SCL_ISO	To MainBoard.PcbDoc	
Add	SCL_ISO	To MainBoard.PcbDoc	
Add	SCL	To MainBoard.PcbDoc	
Add	SCL	To MainBoard.PcbDoc	
Add	SDA_ISO	To MainBoard.PcbDoc	
Add	SDA_ISO	To MainBoard.PcbDoc	
Add	SDA_ISO	To MainBoard.PcbDoc	
Add	SDA_ISO	To MainBoard.PcbDoc	

Action	Object	Change Document	Status
Add Component Class Members			
Add	D2.1 to polarita BDD 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	D2.2 to polarita BDD 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	FB1 to U ESP32	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IC7 to U temp_humidity	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IC13 to U DO EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IC14 to U pH EZO 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IC15 to U TDS EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IC17 to U pH EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 1 to U BDD	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 2 to U BDD	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 1 to U Channel 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 2 to U Channel 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 3 to U Channel 3	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 4 to U Channel 4	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 5 to U Channel 5	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 6 to U Channel 6	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 7 to U Channel 7	In MainBoard.PcbDoc	Failed to add class member : Com
Add	IN 3 U Channel 8 to U Channel 8	In MainBoard.PcbDoc	Failed to add class member : Com
Add	M1 to polarita BDD 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	M2 to polarita BDD 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	OUT 1 to U BDD	In MainBoard.PcbDoc	Failed to add class member : Com
Add	OUT 2 to U BDD	In MainBoard.PcbDoc	Failed to add class member : Com
Add	Q7 to U pH EZO 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	Q8 to U DO EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	Q9 to U TDS EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	Q10 to U pH EZO 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	RELAY 1.1 to polarita BDD 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	RELAY 1.2 to polarita BDD 1	In MainBoard.PcbDoc	Failed to add class member : Com
Add	RELAY 2.1 to polarita BDD 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	RELAY 2.2 to polarita BDD 2	In MainBoard.PcbDoc	Failed to add class member : Com
Add	S1 to U ESP32	In MainBoard.PcbDoc	Failed to add class member : Com