







	IC1 ESP32-S			
Reset >	1 GND_1 2 3V3 3 EN 4 SENSOR_VP	SD0 SD1 IO15	21 22 23 24	—⊖DBG_RX
V_BATT > 	5x SENSOR_VN 6 1034 7• 1035 8x 1032	IO0 IO4 IO16 IO17	25 (boot 26 27 28 (H1	—ODBG_TX
	9× 1033 0× 1025 1 1026	105 - 1018 - 1019 - NC -	29 (H2 30 (H3 31	PL2 GND
PWM_V ← 1 PWM_W ← 1 1	3 1014 4 1012 5 GND_2	IO21 RXDØ TXDØ	3 3 3 4 ⟨RX 3 5 ⟨TX	KMR411NG
1	6x I013 7x SD2 8x SD3 9x CMD	I 0 2 2 I 0 2 3 GND_3 GND_4	36 → EnBat 37 → LED 38 39	
	clk	3.15_4	GND	

Shee t o f

E	D	С	В	A	Drawn	Check	Projection Do Not Scale		
Drn	Drn	Drn	Drn	Project			Client		
Chk	Chk	Chk	Chk	Title			Filename		Drawing No.