rPi-Pin	Function	unction Target target pin direction		direction	color					rPi-Pin	Function	Target	target pin	color	
	2.21/	VCC ADC1115 - OLED					Pi Mod	iel B/B+							
1 2	3.3V	VCC ADS1115 + OLED	1	out		3V3 Power	1	2	5V Power	5V	AUX reserve				
3	SDA	I2C ADS1115 / SSD1106	4/1	bus	yellow	GPI02	3	4	5V						
<u>4</u> 5	SCL	I2C ADS1115 / SSD1106	3/2	bus	green	SDA1 I2C	\bowtie	\bowtie	Power						
6	JCL	120 AD31113 / 33D1100	3/2	bus	green	GPIO3 SCL1 I2C	5	6	Ground		Attention, irra	diation from	m I2C bus!		
7						GPI04	7	8	GPIO14						
<u>8</u> 9		Attention, irradiation from I2C bu	ıel					\bowtie	UART0_TXD						
10		Attention, intuitation from the be				Ground	9	10	GPIO15 UARTO_RXD						
11						GPI017	11	12	GPIO18						
12						CRICOT		\sim	PCM_CLK						
14						GPI027	13	1 4	Ground	Ground	ADS11115 + O	LED	2/1	black	
15						GP1022	15	16	GPIO23						
16 17								M							
18						3V3 Power	17	18	GPIO24						
19						GPIO10	19	20	Ground						
20						SPI0_MOSI			001005	Ground	ADS11115 Sigr	nal	8 - 10	black	
22						GPIO9 SPIO_MISO	21	22	GPIO25						
23						GPI011	23	24	GPIO8				expansion Bo		
25	Ground	Radio	sleeve			SPI0_SCLK		×	SPI0_CE0_N			VCC 5V Ground	433 RF RX +		red black
26	Ground	Nauio	sieeve			Ground	25	26	GPIO7 SPIO_CE1_N			Ground		tdown Switc	
27						ID_SD I2C ID EEPROM	27	28	ID_SC						
28 29	GPIO5	MOSFET (control)	1	out	brown		ł×	\succeq	I2C ID EEPROM						
30	GPIOS	WOSFET (CONTROL)	1	out	DIOWII	GPI05	29	30	Ground	Ground	MOSFET	control	2	black	
31	GPIO6	433RF Transmitter		out	green	GPI06	(31)	(32)	GPIO12						
32	GPIO13	run LED green			blue		ert imes ert			GPIO12	433RF Receive	r	in	green	
34	GF1013	run LLD green			blue	GPIO13	(33)	34	Ground	Ground	MOSFET / PTT	load	4		
35	GPIO19	Shutdown-Button		out high	red	GPIO19	35	(36)	GPIO16		•				
36 37	GPIO 26	Traffic Light active control LED w	llow	out.	blue		ert imes ert	\simeq							
38	GPIO 26	Traffic-Light active - control LED ye	ellow	out	blue	GPIO26	(37)	(38)	GPIO20	GPIO20	LM393 (digital	IN)			
39	Ground	Traffic-Light active - control LED ye	ellow		black	Ground	39	40	GPIO21						
40								del B+		GPIO 21	PTT active - co	ntrol LED bl	ι out	blue	
analog I	IN:						PI MIC	uel DT							
Ü	Audio L	rPi speaker		out	white	>	>		·>>		Radio MIC	in	Ring 2	white	
	TRRS	Radio speaker	Tip	out	yellow	>	>		>		ADS1115	Α0	7	yellow	
	TRRS	Radio Ring 1 PTT	Ring 1	short w gnd	blue	<	<	<	<		MOSFET	load	3		
	TRRS	Radio Ring 2 MIC	Ring 2	in	white										
	TRRS	Radio ground	Sleeve	Gnd	black	<	<	<	<		MOSFET	load gnd	4		
digital I	N:														
	Audio L	rPi speaker		out	white	>	>		>>		Radio MIC	in	Ring 2	white	
	TRRS	LM393 d-out	Tip	out	yellow	>	>		>		digital IN	GPIO20	38	yellow	
	TRRS	Radio Ring 1 PTT		short w gnd	blue	<	<	<	<		MOSFET	load	3		
	TRRS	Radio Ring 2 MIC	Ring 2	in	white										
	TRRS	Radio ground	Sleeve	Gnd	black	<	<	<	<		MOSFET	load gnd	4		