rPi-Pin	Function	Target	target pin	direction	color				rPi-Pin	Function	Target	target pin	color		
							Pi Model B/B+								•
1 2	3.3V	VCC ADS1115 + OLED	1	out		3V3 Power	1 2		5V Power	5V	AUX reserve				•
3 4	SDA	I2C ADS1115 / SSD1106	4/1	bus	yellow	GPIO2 SDA1 I2C	3 4		5V Power						
5 6	SCL	I2C ADS1115 / SSD1106	3/2	bus	green	GPIO3 SCL1 I2C	5 6		Ground		Attention, irra	diation fron	n I2C bus!		
7						GPI04	7 8		GPIO14 UARTO_TXD		71000000				
9		Attention, irradiation from I	2C bus!			Ground	9 10	0	GPIO15 UARTO_RXD						
10 11						GPI017	11) (1)	2	GPIO18						
12						GPIO27	13 (14	4	Ground						
<u>14</u> 15						GPIO22		4	GPIO23	Ground	ADS11115 + O	LED	2/1	black	
<u>16</u> 17							15 16	4							
18						3V3 Power	17 18	1	GPIO24						
19 20						GPIO10 SPI0_MOSI	19 (20	9	Ground	Ground	ADS11115 Sig	nal	8 - 10	black	
21 22						GPIO9 SPIO_MISO	21 22	2	GPIO25						
23 24						GPIO11 SPI0_SCLK	23 24	4	GPIO8 SPIO_CEO_N			_	xpansion Bo 433 RF RX +		red
25 26	Ground	Radio	sleeve			Ground	25 26	6	GPIO7 SPIO_CE1_N				433 RF RX + all LED, Shut		black tch. AUX
27 28						ID_SD I2C ID EEPROM	27 28	8)	ID_SC I2C ID EEPROM						,
29 30	GPIO5	MOSFET (control)	1	out	brown	GPI05	29) 30	9	Ground	Ground	MOSFET	control	2	black	
31	GPIO6	433RF Transmitter		out	green	GPI06	31)(32	2)	GPIO12						
32	GPIO13	run LED green			blue	GPIO13	33) 34		Ground	GPIO12	433RF Receive	er	in	green	
34 35	GPIO19	Shutdown-Button		out high	red	GPI019	35)(36		GPIO16	Ground	MOSFET / PTT	load	4		
<u>36</u> 37	GPIO 26	Traffic-Light active - control	I FD vellow	out	blue	GPIO26	\simeq	< ₽	GPIO20						
38				out			37 (38	< 1		GPIO20	AUX reserve				
39 40	Ground	Traffic-Light active - control	LED yellow		black	Ground	39 (40	╱┃.	GPIO21	GPIO 21	PTT active - co	ntrol LED bli	out	blue	
							Pi Model B+								
	Audio L	rPi speaker	•	out	white	>	>	>	>		Radio MIC	in	Ring 2	white	
	TRRS	Radio speaker	Tip	out	orange	>	>	>	>		ADS1115	A0	7	orange	
	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		