























# RT300 platform-pi GPIO pinout

04/2021

	3v3 Power	1			2	5v Power	
ADS1115(0x48;0x49) I²C SDA	GPIO 2 (I2C1 SDA)	3			4	5v Power	
ADS1115(0x48;0x49) I²C SCL	GPIO 3 (I2C1 SCL)	5			6	Ground	
1Wire Data	GPIO 4 (GPCLK0)	7			8	GPIO 14 (UART TX)	GPS UART RX
	Ground	9			10	GPIO 15 (UART RX)	GPS UART TX
Relay 1/4	GPIO 17	11			12	GPIO 18 (PCM CLK)	GPS PPS
Relay 2/4	GPIO 27	13			14	Ground	
Relay 3/4	GPIO 22	15			16	GPIO 23	Azimut Motor M1INA
	3v3 Power	17			18	GPIO 24	Azimut Motor M1INB
Digital-In 3/4 (5V)	GPIO 10 (SPI0 MOSI)	19			20	Ground	
SSI Azimut Data	GPIO 9 (SPI0 MISO)	21			22	GPIO 25	Azimut Motor M1EN/DIAG
SSI Azimut Clock	GPIO 11 (SPI0 SCLK)	23			24	GPIO 8 (SPI0 CE0)	Digital-In 1/4 (5V)
	Ground	25			26	GPIO 7 (SPI0 CE1)	Digital-In 2/4 (5V)
Elevation Motor M2INA	GPIO 0 (EEPROM SDA)	27			28	GPIO 1 (EEPROM SCL)	
Elevation Motor M2INB	GPIO 5	29			30	Ground	
Elevation Motor M2PWM	GPIO 6	31			32	GPIO 12 (PWM0)	Azimut Motor M1PWM
SSI Elevation Data	GPIO 13 (PWM1)	33			34	Ground	
Elevation Motor M2EN/DIAG	GPIO 19 (PCM FS)	35			36	GPIO 16	Relay 4/4
	GPIO 26	37			38	GPIO 20 (PCM DIN)	Digital-In 4/4 (3.3V)
	Ground	39			40	GPIO 21 (PCM DOUT)	SSI Elevation Clock