

# RT300 platform-pi GPIO pinout

03/2021

	3v3 Power	1			2	5v Power	
ADS1115 I <sup>2</sup> C SDA	GPIO 2 (I2C1 SDA)	3			4	5v Power	
ADS1115 I <sup>2</sup> C SCL	GPIO 3 (I2C1 SCL)	5			6	Ground	
1Wire Data	GPIO 4 (GCLK0)	7			8	GPIO 14 (UART TX)	
	Ground	9			10	GPIO 15 (UART RX)	
	GPIO 17	11			12	GPIO 18 (PCM CLK)	
	GPIO 27	13			14	Ground	
	GPIO 22	15			16	GPIO 23	Azimuth Motor M1INA
	3v3 Power	17			18	GPIO 24	Azimuth Motor M1INB
	GPIO 10 (SPI0 MOSI)	19			20	Ground	
SSI Azimuth Data	GPIO 9 (SPI0 MISO)	21			22	GPIO 25	Azimuth Motor M1EN/DIAG
SSI Azimuth Clock	GPIO 11 (SPI0 SCLK)	23			24	GPIO 8 (SPI0 CE0)	
	Ground	25			26	GPIO 7 (SPI0 CE1)	
	GPIO 0 (EEPROM SDA)	27			28	GPIO 1 (EEPROM SCL)	
Elevation Motor M2INA	GPIO 5	29			30	Ground	
Elevation Motor M2INB	GPIO 6	31			32	GPIO 12 (PWM0)	Azimuth Motor M1PWM
Elevation Motor M2PWM	GPIO 13 (PWM1)	33			34	Ground	
SSI Elevation Data	GPIO 19 (PCM FS)	35			36	GPIO 16	
Elevation Motor M2EN/DIAG	GPIO 26	37			38	GPIO 20 (PCM DIN)	
	Ground	39			40	GPIO 21 (PCM DOUT)	SSI Elevation Clock