RPi Pinout

Wired	Fixed	Board Func	Pin Func	PINS (left)	#	#	PINS (right)	Pin Func	Board Func	Fixed	Wired
IO Ext		3.3V		3.3V	1	2	5V		5V		UPS Pack
IO Ext	Sense HAT (c)	SDA		GPIO 2	3	4	5V		5V		HX711
IO Ext	Sense HAT (c)	SCL		GPIO 3	5	6	GND		GND		HX711
	SIM7600E-H	D4	Uart2 – Tx	GPIO 4	7	8	GPIO 14	Uart0 – Tx	P Tx	SIM7600E-H	
IO Ext		GND		GND	9	10	GPIO 15	Uart0 – Rx	P Rx	SIM7600E-H	
IO Ext		INT		GPIO 17	11	12	GPIO 18		STA		
IO Ext		RST		GPIO 27	13	14	GND				
				GPIO 22	15	16	GPIO 23		DT		HX711
				3.3V	17	18	GPIO 24		SCK		HX711
				GPIO 10	19	20	GND				
UPS Pack		Tx	Uart3 – Rx	GPIO 9	21	22	GPIO 15				
				GPIO 11	23	24	GPIO 8	Uart3 – Tx	Tx		UPS Pack
				GND	25	26	GPIO 7				
			Uart1 – Tx	ID_SD / GPIO 0	27	28	ID_SC / GPIO 1	Uart1 – Rx			
			Uart2 – Rx	GPIO 5	29	30	GND				
	SIM7600E-H	D6		GPIO 6	31	32	GPIO 12	Uart4 – Tx	Tx		Serial Comm
Serial Comm		Rx	Uart4 – Rx	GPIO 13	33	34	GND		GND		Serial Comm
				GPIO 19	35	36	GPIO 16				
				GPIO 26	37	38	GPIO 20		STA		UPS Pack
UPS Pack		GND		GND	39	40	GPIO 21				