

Raspberry Pi Pinout

Raspberry Pi 26 Pin	Raspberry Pi B+ 40 Pin	3.3V	1	⊗	⊗	2	5V			
		I2C Data	GPIO 2	3	⊗	⊗	4	5V		
		I2C Clock	GPIO 3	5	⊗	⊗	6	Gnd		
		1-WIRE	GPIO 4	7	⊗	⊗	8	GPIO 14	UART0 TXD	
		Gnd		9	⊗	⊗	10	GPIO 15	UART0 RXD	
			GPIO 17	11	⊗	⊗	12	GPIO 18	PWM0	PCM CLK
		SD0 DAT3	GPIO 27	13	⊗	⊗	14	Gnd		
		SD0 CLK	GPIO 22	15	⊗	⊗	16	GPIO 23	SD0 CMD	
		3.3V		17	⊗	⊗	18	GPIO 24	SD0 DAT0	
		SPI0 MOSI	GPIO 10	19	⊗	⊗	20	Gnd		
SPI0 MISO	GPIO 9	21	⊗	⊗	22	GPIO 25	SD0 DAT1			
SPI0 SCLK	GPIO 11	23	⊗	⊗	24	GPIO 8	SPI0 CE0			
Gnd		25	⊗	⊗	26	GPIO 7	SPI0 CE1			
EEPROM		27	⊗	⊗	28	EEPROM				
	GPIO 5	29	⊗	⊗	30	Gnd				
	GPIO 6	31	⊗	⊗	32	GPIO 12	PWM0			
PWM1	GPIO 13	33	⊗	⊗	34	Gnd				
PCM FS	GPIO 19	35	⊗	⊗	36	GPIO 16				
SD0 DAT2	GPIO 26	37	⊗	⊗	38	GPIO 20	PCM DIN			
Gnd		39	⊗	⊗	40	GPIO 21	PCM DOUT			

Note:

3.3V può erogare complessivamente 500mA
Le porte GPIO supportano SOLO input 0V oppure 3.3V
UART console seriale tensione max 3.3V!!! (NO 5V)
PCM Porta audio digitale
Interfaccia 1-WIRE
Interfaccia I2C
Interfaccia SD host/eMMC
Interfaccia SPI
Interfaccia PWM