



Raspberry Pi Pinout

3v3 Power	1	2	5v Power
BCM 2 (WiringPi 8)	3	4	5v Power
BCM 3 (WiringPi 9)	5	6	Ground
BCM 4 (WiringPi 7)	7	8	BCM 14 (WiringPi 15)
Ground	9	10	BCM 15 (WiringPi 16)
BCM 17 (WiringPi 0)	11	12	BCM 18 (WiringPi 1)
BCM 27 (WiringPi 2)	13	14	Ground
BCM 22 (WiringPi 3)	15	16	BCM 23 (WiringPi 4)
3v3 Power	17	18	BCM 24 (WiringPi 5)
BCM 10 (WiringPi 12)	19	20	Ground
BCM 9 (WiringPi 13)	21	22	BCM 25 (WiringPi 6)
BCM 11 (WiringPi 14)	23	24	BCM 8 (WiringPi 10)
Ground	25	26	BCM 7 (WiringPi 11)
BCM 0 (WiringPi 30)	27	28	BCM 1 (WiringPi 31)
BCM 5 (WiringPi 21)	29	30	Ground
BCM 6 (WiringPi 22)	31	32	BCM 12 (WiringPi 26)
BCM 13 (WiringPi 23)	33	34	Ground
BCM 19 (WiringPi 24)	35	36	BCM 16 (WiringPi 27)
BCM 26 (WiringPi 25)	37	38	BCM 20 (WiringPi 28)
Ground	39	40	BCM 21 (WiringPi 29)

Raspberry Pi 3 GPIO Header

Pin#	NAME	NAME	Pin#
01	3.3v DC Power	DC Power 5v	02
03	GPIO02 (SDA1 , I ² C)	DC Power 5v	04
05	GPIO03 (SCL1 , I ² C)	Ground	06
07	GPIO04 (GPIO_GCLK)	(TXD0) GPIO14	08
09	Ground	(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)	(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)	Ground	14
15	GPIO22 (GPIO_GEN3)	(GPIO_GEN4) GPIO23	16
17	3.3v DC Power	(GPIO_GEN5) GPIO24	18
19	GPIO10 (SPI_MOSI)	Ground	20
21	GPIO09 (SPI_MISO)	(GPIO_GEN6) GPIO25	22
23	GPIO11 (SPI_CLK)	(SPI_CE0_N) GPIO08	24
25	Ground	(SPI_CE1_N) GPIO07	26
27	ID_SD (I ² C ID EEPROM)	(I ² C ID EEPROM) ID_SC	28
29	GPIO05	Ground	30
31	GPIO06	GPIO12	32
33	GPIO13	Ground	34
35	GPIO19	GPIO16	36
37	GPIO26	GPIO20	38
39	Ground	GPIO21	40

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www.element14.com/RaspberryPi