









































Raspberry Pi General Purpose Input Output (GPIO)

40 pin connector diagram

+3.3VDC	01			02	+5VDC
GPIO2 {I2C1 SDA1}	03			04	+5VDC
GPIO3 {I2C1 SCL1}	05			06	GROUND
GPIO4 {GPIO_GCLK0}	07			08	GPIO14 {TXD0}
GROUND	09			10	GPIO15 {RXD0}
GPIO17 {GPIO_GEN0}	11			12	GPIO18 {PWM0}
GPIO27 {GPIO_GEN2}	13			14	GROUND
GPIO22 {GPIO_GEN3}	15			16	GPIO23 {GPIO_GEN_4}
+3.3VDC	17			18	GPIO24 {GPIO_GEN_5}
GPIO10 {SPI0_MOSI}	19			20	GROUND
GPIO9 {SPI0_MISO}	21			22	GPIO25 {GPIO_GEN_6}
GPIO11 {SPI0_CLK}	23			24	GPIO8 {SPI_CE0_N}
GROUND	25			26	GPIO7 {SPI_CE1_N}
GPIO0 {ID_SD}	27			28	GPIO1 {ID_SC}
GPIO5	29			30	GROUND
GPIO6	31			32	GPIO12 {PWM0}
GPIO13 {PWM1}	33			34	GROUND
GPIO19 {SPI1_MISO}	35			36	GPIO16
GPIO26	37			38	GPIO20 {SPI1_MOSI}
GROUND	39			40	GPIO21 {SPI1_SCLK}

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