Raspberry Pi GPIO Pinout

Pin#	NAME			NAME	Pin#
01	3.3v DC Power			DC Power 5v	02
03	GPIO02 (SDA1 , I2C)			DC Power 5v	04
05	GPIO03 (SCL1 , I2C)			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 (I2C ID EEPROM)			(I2C 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

3V3	5V		
2 SDA	5V		
3 SCL	GND		
4	14 TXD		
GND	15 RXD		
17	18		
27	GND		
22	23		
3V3	24		
10 MOSI	GND		
9 MISO	25		
11 SCLK	8 CS0		
GND	7 CS1		
EPROM	EPROM		
5	GND		
6	12		
13	GND		
19 MISO	16		
26	20 MOSI		
GND	21 SCLK		

Power	+3,3V		+5V	Power
{I2C} SDA1	GPIO2		+5V	Power
{I2C} SCL1	GPIO3		GND	
GPCLK0	GPIO4		GPIO14	{UART} TXD0
	GND		GPIO15	{UART} RXD0
	GPIO17		GPIO18	PCM_CLK
	GPIO27		GND	
	GPIO22		GPIO23	
Power	+3,3V		GPIO24	
SPI0_MOSI	GPIO10		GND	
SPI0_MISO	GPIO9		GPIO25	
SPI0_SCLK	GPIO11		GPIO8	SPI0_CE0_N
	GND		GPIO7	SPI0_CE1_N
D EEPROM}	ID_SD		ID_SC	{ID EEPROM}
GPCLK1	GPIO5		GND	
GPCLK2	GPIO6		GPIO12	PWM0
PWM1	GPIO13		GND	
PCM_FS	GPIO19		GPIO16	
	GPIO26		GPIO20	PCM_DIN
	GND		GPIO21	PCM_DOUT

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	GND		GPIO15	{UART} RXD0
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	GPIO27		GND	
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	GND		GPIO15	{UART} RXD0
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	GPIO27		GND	
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	GPIO26		GPIO20	PCM_DIN
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{I2C} SCL1	GPIO3		GND	
GPCLK0	GPIO4		GPIO14	{UART} TXD0
	GND		GPIO15	{UART} RXD0
	GPIO17		GPIO18	PCM_CLK
	GPIO27		GND	
	GPIO22		GPIO23	
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PWM1	GPIO13		GND	
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	GPIO26		GPIO20	PCM_DIN
	GND		GPIO21	PCM_DOUT