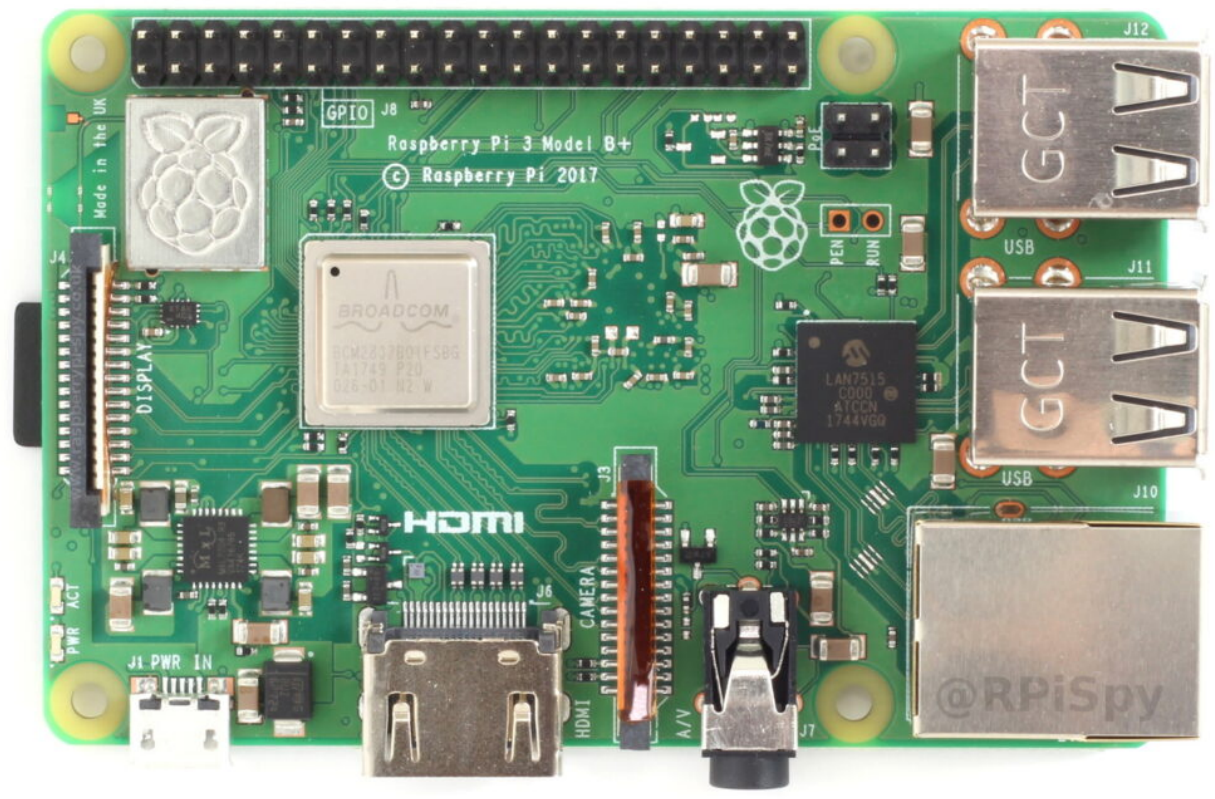


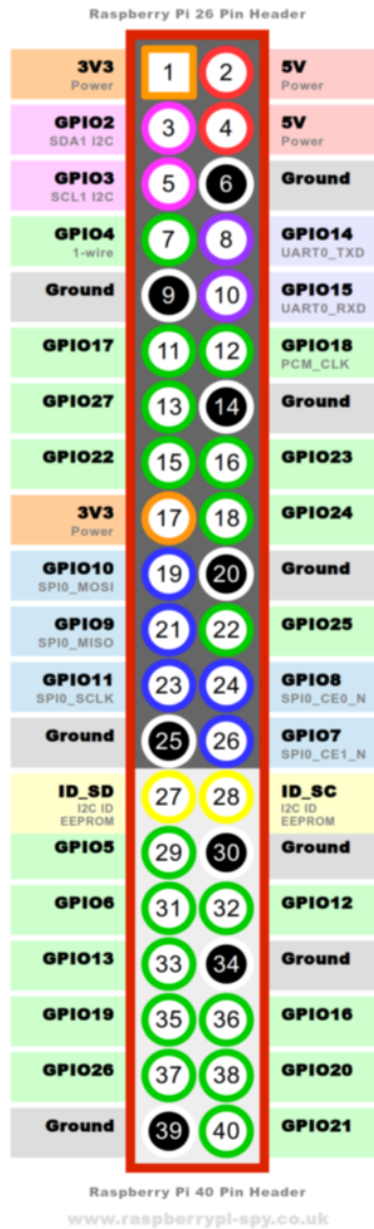
3.3v	5V	5V
GPIO 2 Serial Data (I2C)	5V	Ground
GPIO3 Serial Clock (I2C)	Ground	GPIO 14 (UART TX)
GPIO 4	GPIO 14 (UART TX)	GPIO 15 (UART RX)
Ground	GPIO 15 (UART RX)	GPIO 18 Chip Enable-CE0 (SPI) [PWM]
GPIO 17 Chip Enable-CE1 (SPI1)	GPIO 18 Chip Enable-CE0 (SPI) [PWM]	Ground
GPIO 27	Ground	GPIO 23
GPIO 22	GPIO 23	GPIO 24
3.3v	GPIO 24	Ground
GPIO 10 MOSI (SPI 0)	Ground	GPIO 25
GPIO 09 MISO (SPI 0)	GPIO 25	GPIO 8 Chip Enable-CE0 (SPI0)
GPIO 11 SCLK (SPI 0)	GPIO 8 Chip Enable-CE0 (SPI0)	GPIO 7 Chip Enable-CE1(SPI0)
Ground	GPIO 7 Chip Enable-CE1(SPI0)	GPIO 1 EEPROM Serial Clock (I2C)
GPIO 0 EEPROM Serial DATA (I2C)	GPIO 1 EEPROM Serial Clock (I2C)	Ground
GPIO 5	Ground	GPIO 12 (PWM)
GPIO 6	GPIO 12 (PWM)	Ground
GPIO 13 (PWM)	Ground	GPIO 16 Chip Enable-CE2 (SPI 1)
[PWM] GPIO 19 MISO (SPI 1)	GPIO 16 Chip Enable-CE2 (SPI 1)	GPIO 20 MISO (SPI 1)
GPIO 26	GPIO 20 MISO (SPI 1)	GPIO 21 SCLK (SPI 1)
Ground	GPIO 21 SCLK (SPI 1)	

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3V3 Power	5V Power	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
GPIO2 SDA1 I2C	GPIO3 SCL1 I2C	GPIO4 I ² -wire	Ground	GPIO17	GPIO27	GPIO22	3V3 Power	GPIO10 SPI0_MOSI	GPIO9 SPI0_MISO	GPIO11 SPI0_SCLK	Ground	ID_SD I2C ID EEPROM	GPIO5	GPIO6	GPIO13	GPIO19	GPIO26	Ground	5V Power	GPIO18 PCM_CLK	Ground	GPIO23	GPIO24	Ground	GPIO25	GPIO8 SPI0_CEO_N	GPIO7 SPI0_CEL_N	ID_SC I2C ID EEPROM	Ground	GPIO12	Ground	GPIO16	GPIO20	GPIO21	Ground	GPIO14 UART0_TXD	GPIO15 UART0_RXD	Ground	GPIO1		



sas



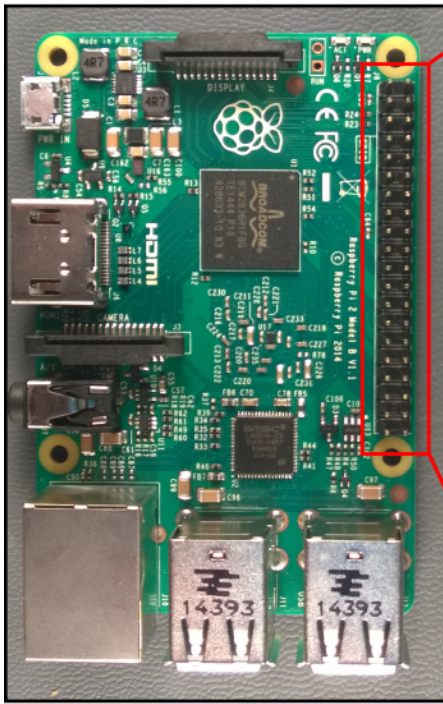
adsd

Raspberry Pi 3 B+ GPIO Header

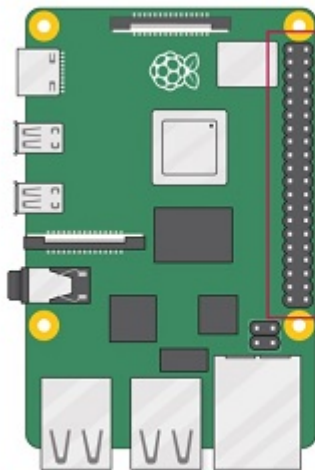
Pin#	NAME		NAME	Pin#
01	3.3v DC Power		DC Power 5v	02
03	GPIO02 (SDA1 , I ² C)		DC Power 5v	04
05	GPIO03 (SCL1 , I ² C)		Ground	06
07	GPIO04 (GPIO_GCLK)		(TXD0) GPIO14	08
09	Ground		(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)		(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)		Ground	14
15	GPIO22 (GPIO_GEN3)		(GPIO_GEN4) 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

Raspberry Pi 3 B+ PoE Header

01	TR01		TR00	02
03	TR03		TR02	04



Alternate Function				Alternate Function
	3.3V PWR	1		2 5V PWR
I2C1 SDA	GPIO 2	3		4 5V PWR
I2C1 SCL	GPIO 3	5		6 GND
	GPIO 4	7		8 UART0 TX
	GND	9		10 UART0 RX
	GPIO 17	11		12 GPIO 18
	GPIO 27	13		14 GND
	GPIO 22	15		16 GPIO 23
	3.3V PWR	17		18 GPIO 24
SPI0 MOSI	GPIO 10	19		20 GND
SPI0 MISO	GPIO 9	21		22 GPIO 25
SPI0 SCLK	GPIO 11	23		24 GPIO 8
	GND	25		SPI0 CS0
	Reserved	27		26 GPIO 7
	GPIO 5	29		SPI0 CS1
	GPIO 6	31		
	GPIO 13	33		28 Reserved
	GPIO 19	35		30 GND
SPI1 MISO	GPIO 19	35		32 GPIO 12
	GPIO 26	37		34 GND
	GND	39		36 GPIO 16
				SPI1 CS0
				38 GPIO 20
				SPI1 MOSI
				40 GPIO 21
				SPI1 SCLK



3V3 power	1	2	5V power
GPIO 2 (SDA)	3	4	5V power
GPIO 3 (SCL)	5	6	Ground
GPIO 4 (GPCLK0)	7	8	GPIO 14 (TXD)
Ground	9	10	GPIO 15 (RXD)
GPIO 17	11	12	GPIO 18 (PCM_CLK)
GPIO 27	13	14	Ground
GPIO 22	15	16	GPIO 23
3V3 power	17	18	GPIO 24
GPIO 10 (MOSI)	19	20	Ground
GPIO 9 (MISO)	21	22	GPIO 25
GPIO 11 (SCLK)	23	24	GPIO 8 (CE0)
Ground	25	26	GPIO 7 (CE1)
GPIO 0 (ID_SD)	27	28	GPIO 1 (ID_SC)
GPIO 5	29	30	Ground
GPIO 6	31	32	GPIO 12 (PWM0)
GPIO 13 (PWM1)	33	34	Ground
GPIO 19 (PCM_FS)	35	36	GPIO 16
GPIO 26	37	38	GPIO 20 (PCM_DIN)
Ground	39	40	GPIO 21 (PCM_DOUT)