## Raspberry Pi Essential Training





## This diagram compares all of the GPIO numbering schemes.

This identifies pins for Raspberry Pi Models A+, B+ and 2. Models A and B use a different scheme.

Function	WiringPi	GPIO. BCM and Scratch	GPIO. BOARD	1 R Z C C C C C C C C C C C C C C C C C C	GPIO. BOARD	GPIO. BCM and Scratch	WiringPi	Function
3.3 VDC			1	R24 #1	2			5 VDC
SDA1	8	2	3	R23 11	4			5 VDC
SCL1	9	3	5	GPIO	6			GND
GPCLK0	7	4	7	0	8	14	15	TxD
GND			9		10	15	16	RxD
GPIO	0	17	11		12	18	1	PCM_CLK PWM0
GPIO	2	27	13	C64	14			GND
GPIO	3	22	15	R	16	23	4	GPIO
3.3 VDC			17	O S C	18	24	5	GPIO
MOSI	12	10	19	ROT	20			GND
MISO	13	9	21	Raspberry Pi 2  C Raspberr	22	25	6	GPIO
SCLK	14	11	23	err	24	8	10	CE0
GND			25	y Pi	26	7	11	CE1
SDA0			27		28			SCL0
GPCLK1	21	05	29	1 B V	30			GND
GPCLK2	22	06	31	[2]	32	12	26	PWM0
PWM1	23	13	33	105	34			GND
PCM_FS PWM2		19	35	106 C101 E	36	16	27	GPIO
GPIO	25	26	37	A ARMAN	38	20	28	PCM_DIN
GND			39	C102 102 1744 148	40	21	29	PCM_DOUT