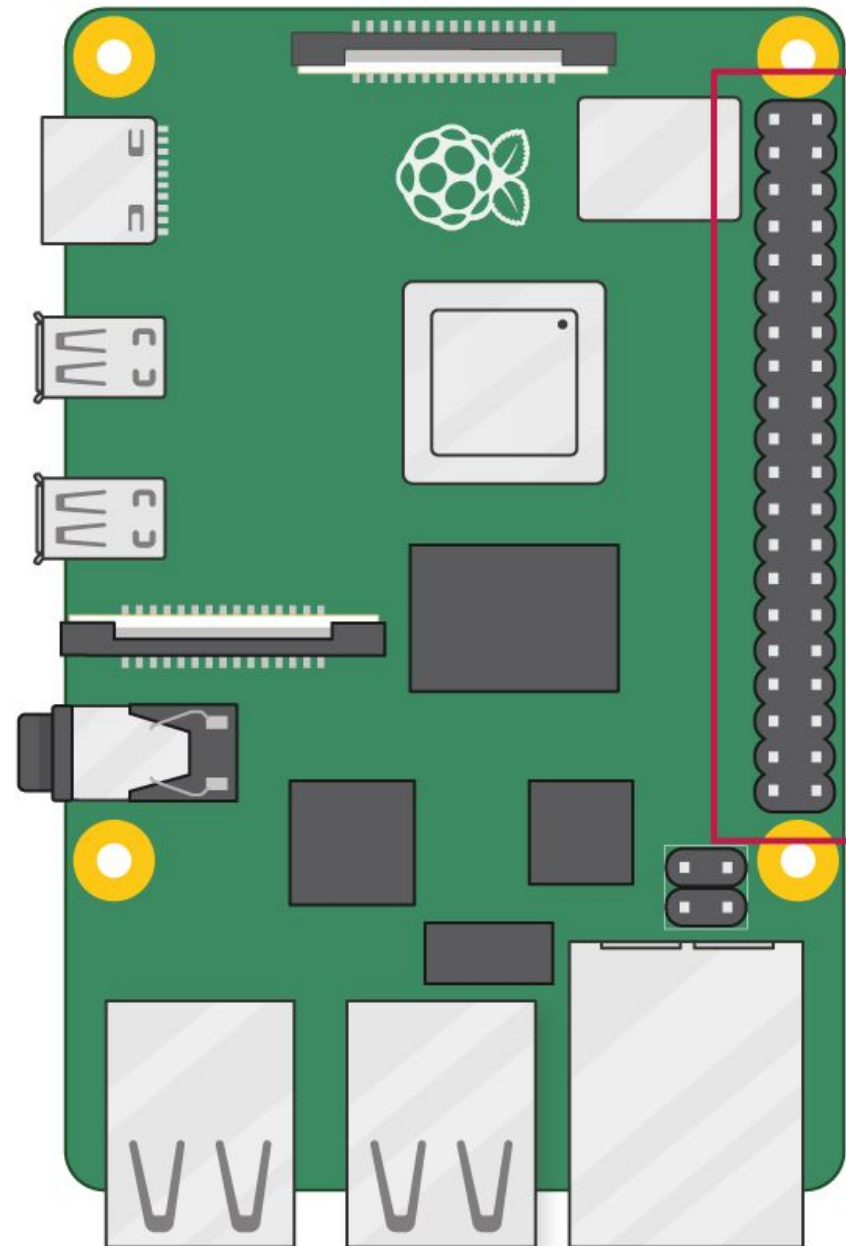


GPIO

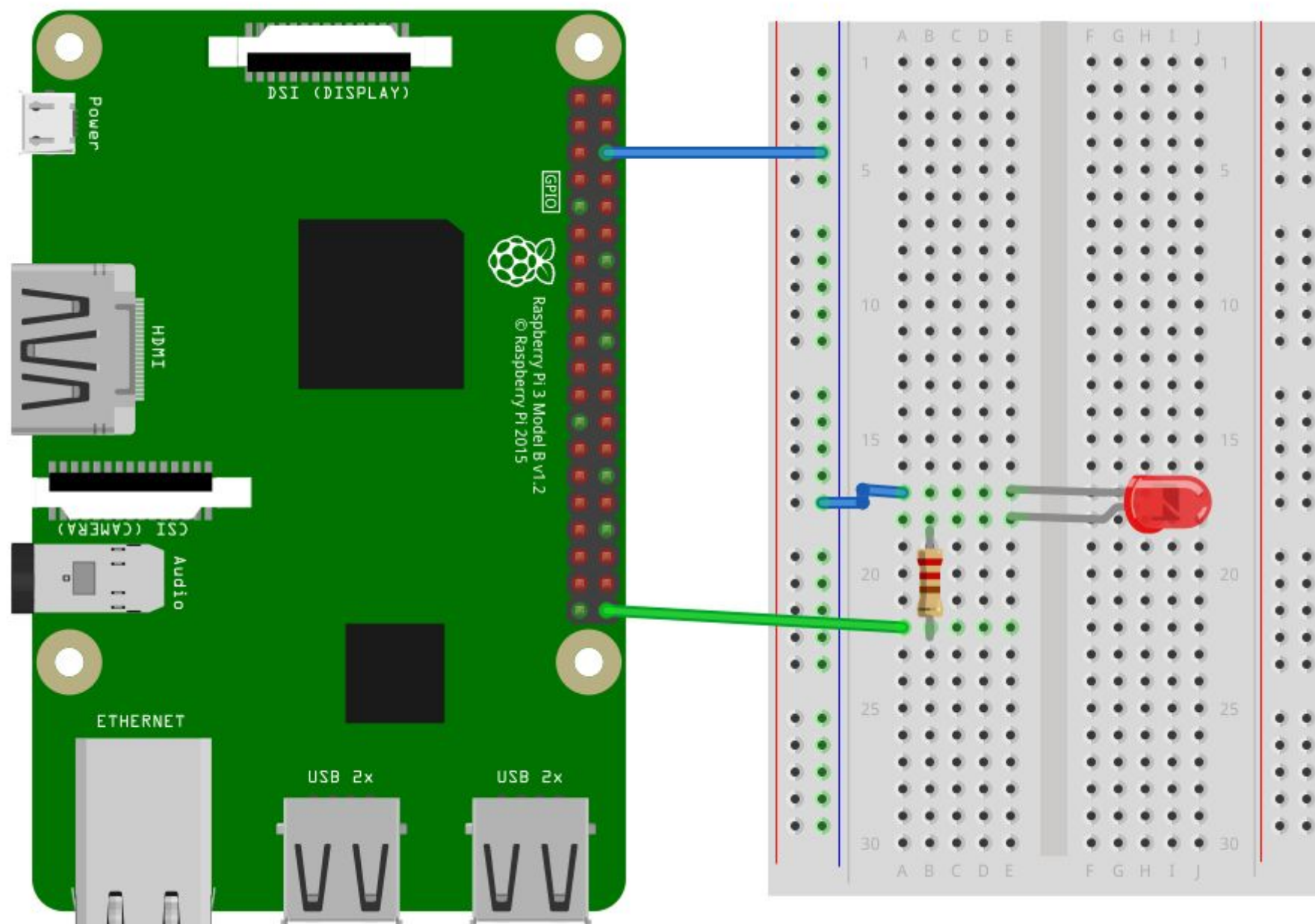


3V3 power	1	2	5V power
GPIO 2 (SDA)	3	4	5V power
GPIO 3 (SCL)	5	6	Ground
GPIO 4 (GPCLK0)	7	8	GPIO 14 (TXD)
Ground	9	10	GPIO 15 (RXD)
GPIO 17	11	12	GPIO 18 (PCM_CLK)
GPIO 27	13	14	Ground
GPIO 22	15	16	GPIO 23
3V3 power	17	18	GPIO 24
GPIO 10 (MOSI)	19	20	Ground
GPIO 9 (MISO)	21	22	GPIO 25
GPIO 11 (SCLK)	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)



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EJEMPLO1



Recordar : Nivel de tensión 3.3v

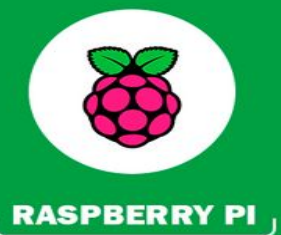
Materiales

1 Led

1 Resistencia de 330 ohmios

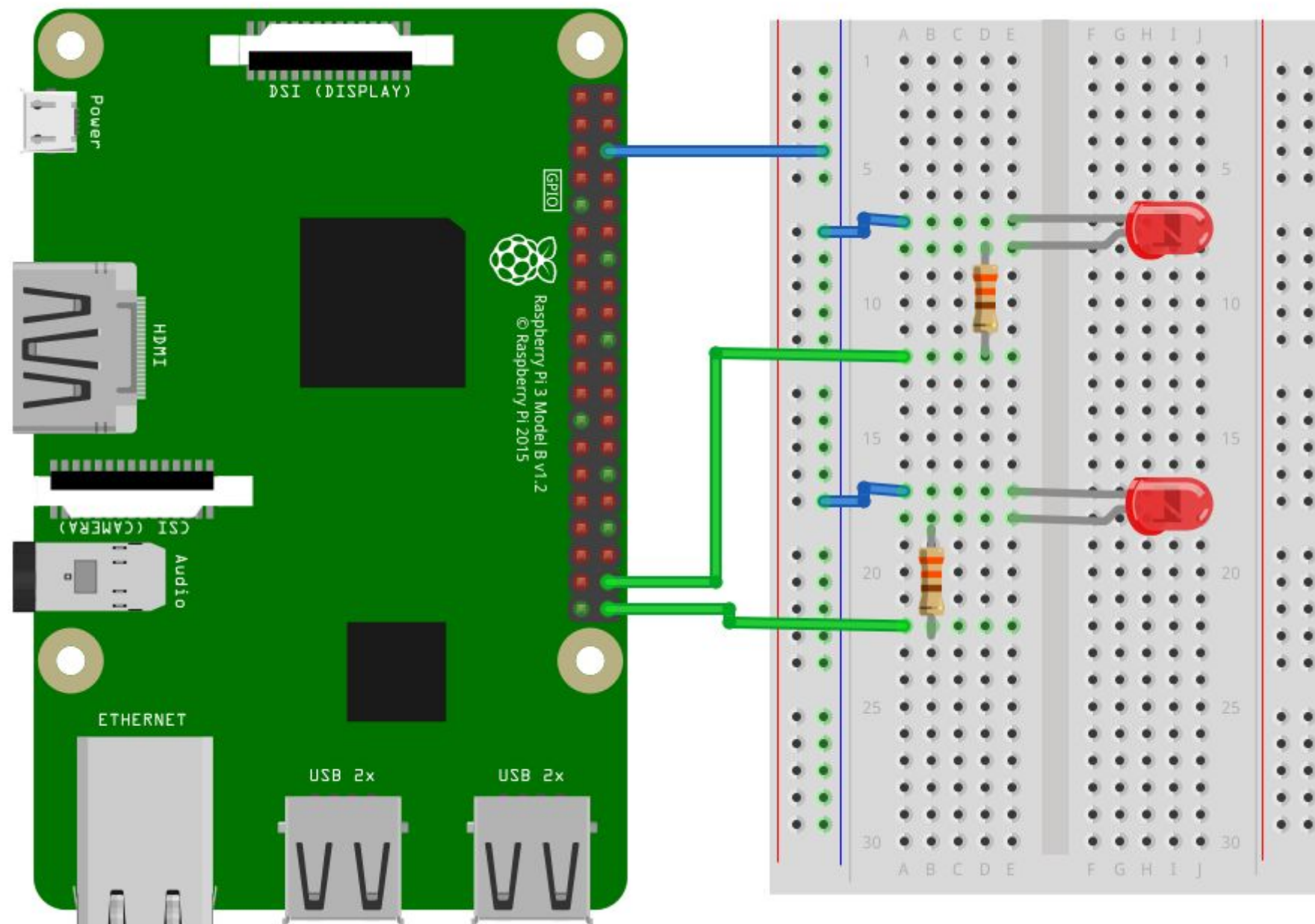
Jumpers H-M M-M

Protoboard



RASPBERRY PI

EJEMPLO2



Recordar : Nivel de tensión 3.3v

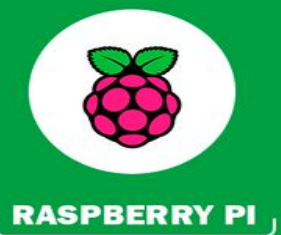
Materiales

2 Led

2 Resistencia de 330 ohmios

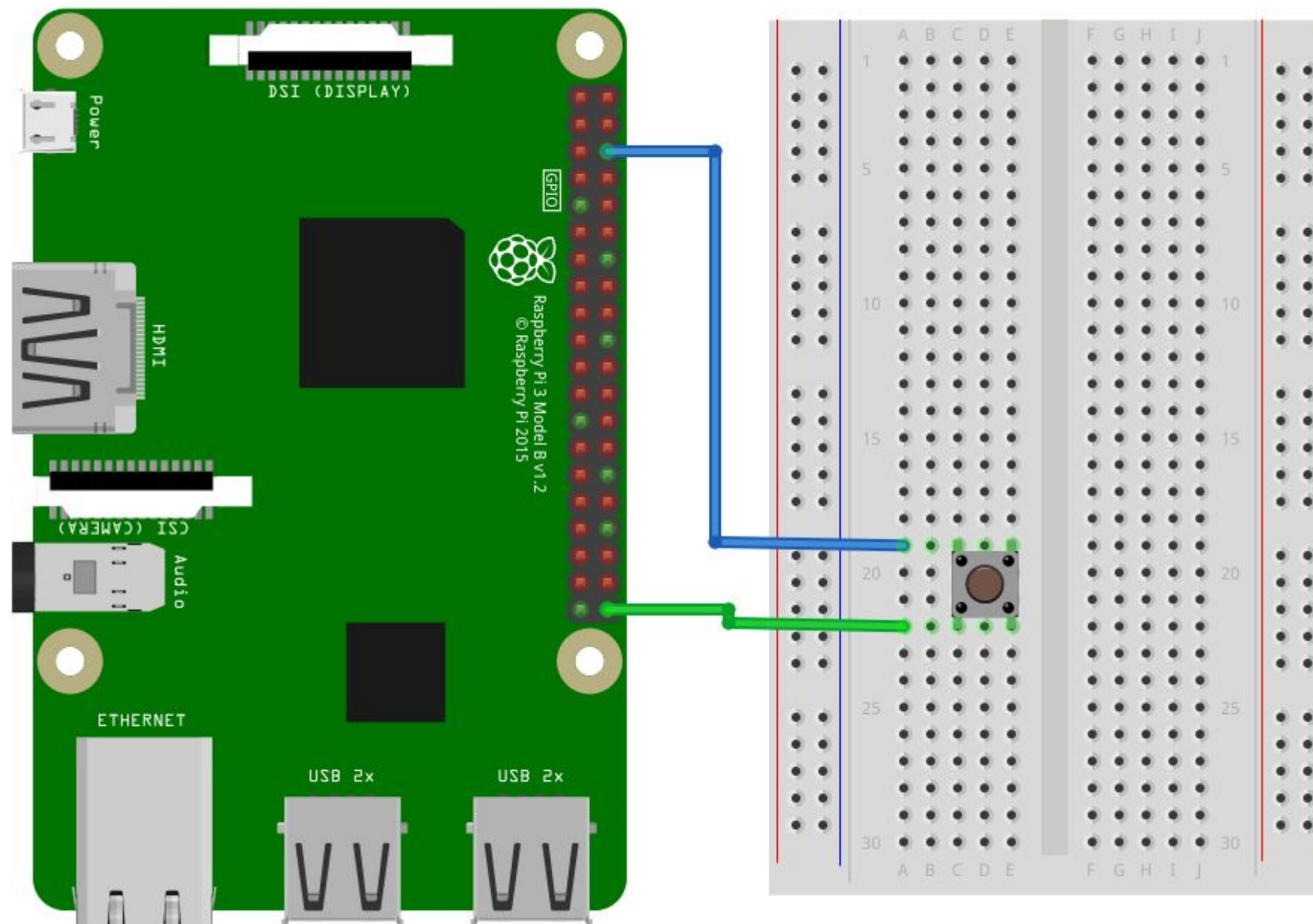
Jumpers H-M M-M

Protoboard



RASPBERRY PI

EJEMPLO3



Recordar : Nivel de tensión 3.3v

Materiales

1 Pulsador

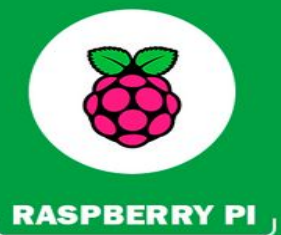
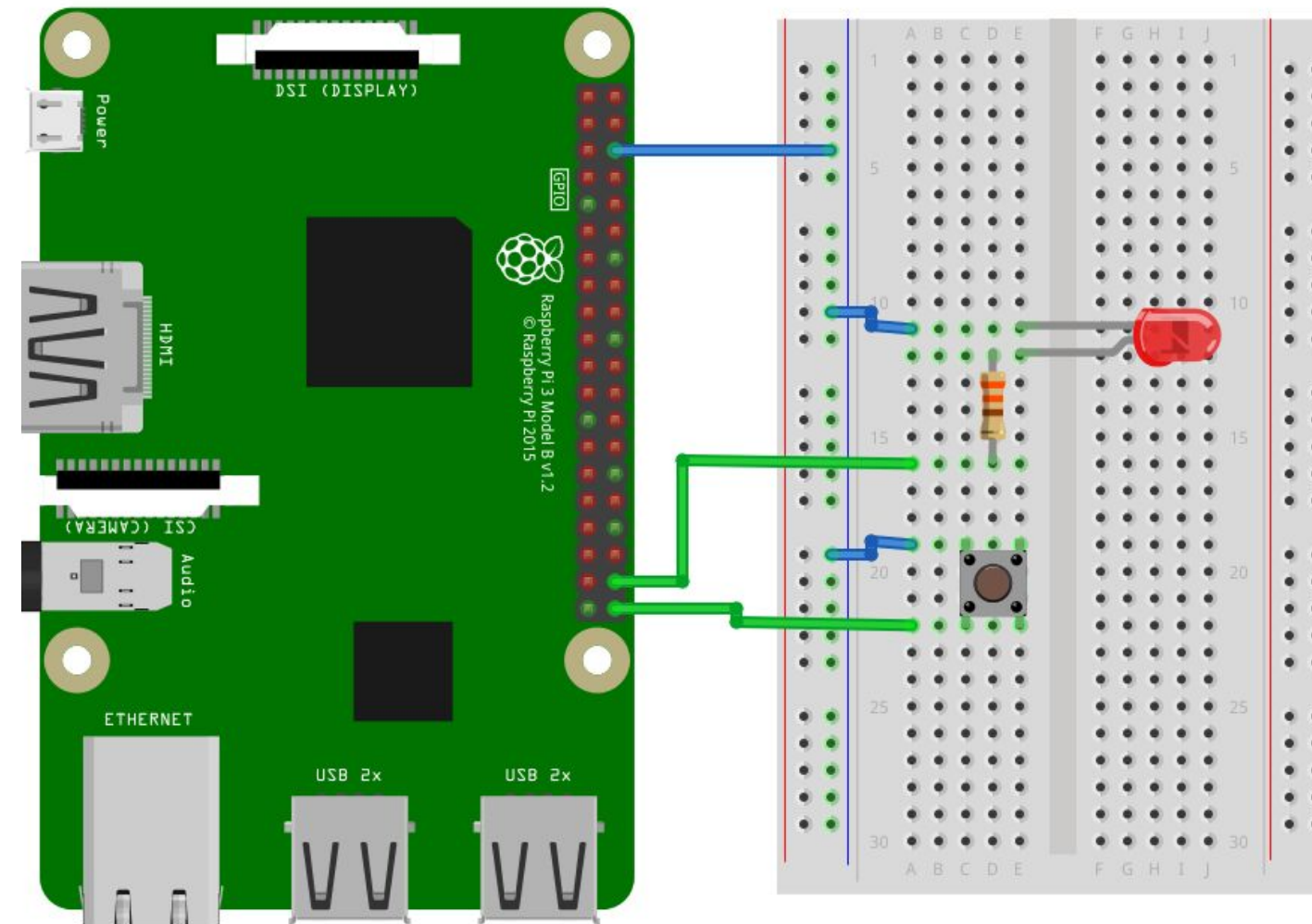
Jumpers H-M M-M

Protoboard



RASPBERRY PI

EJEMPLO4





UMAKER | CENTRO DE CAPACITACIÓN
DE DESARROLLO TECNOLÓGICO