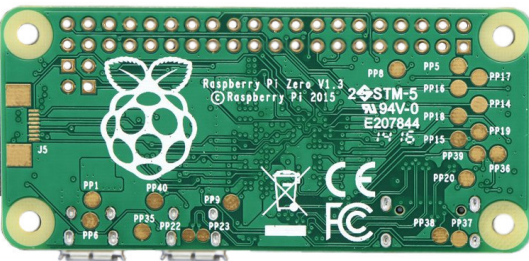
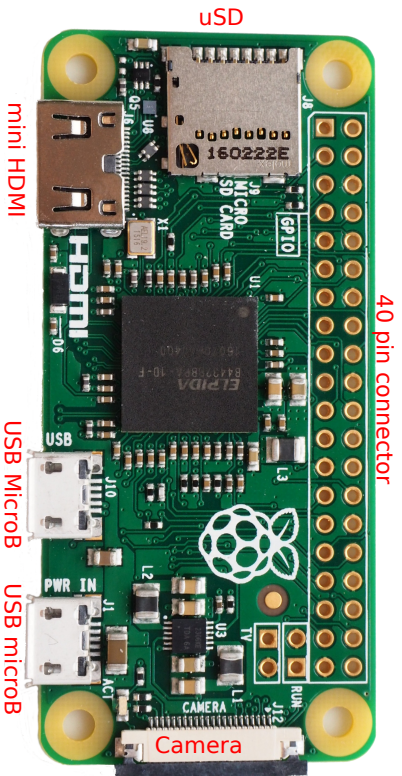


Raspberry Pi Zero v1.3



Position **Power** **Ground** **Control** **GPIO**
Wiring **BCM** **Serial** **PWM** **Misc**

Different places use different pin numbers
 GPIO, Wiring, and BCM have been included.

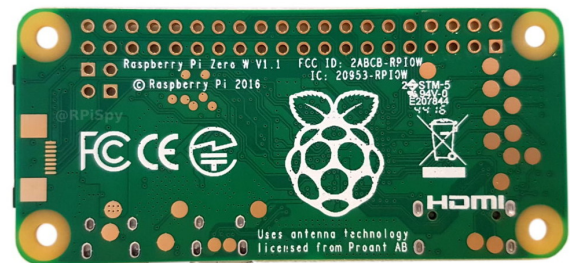
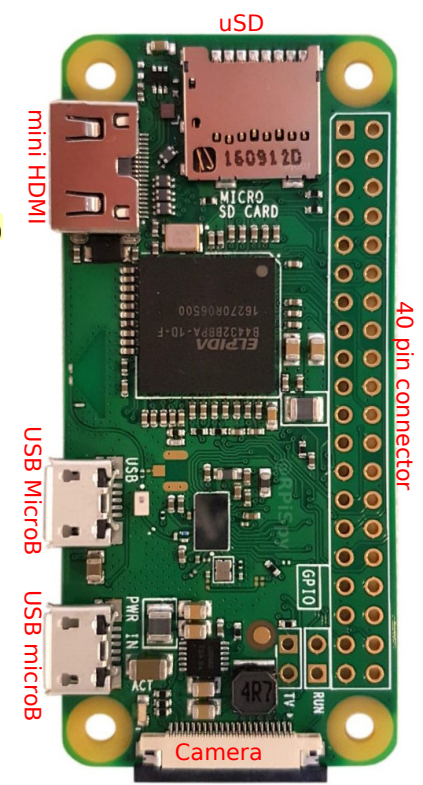
		3.3V	1	2	5V		
SDA	8	2	3	4	5V		
SCL	9	3	5	6	GND		
GPCLK0	4	7	4	7	8	14	15 TXD
		GND	9	10	15	16	RXD
spi1 CS1	17	0	17	11	12	18	1
	27	2	27	13	14	GND	
	22	3	22	15	16	23	4
		3.3V	17	18	24	5	24
MOSI	12	10	19	20	GND		
MISO	13	9	21	22	25	6	25
SCLK	14	11	23	24	8	10	SPI CS0
		GND	25	26	7	11	SPI CS1
ID_SD	30	0	DNC	27	28	DNC	1
GPCLK1	5	21	5	29	30	GND	
GPCLK2	6	22	6	31	32	12	26
PWM1	13	23	13	33	34	GND	
PWM1 miso1	19	24	19	35	36	16	27
	26	25	26	37	38	20	28
		GND	39	40	21	29	21

PP1	USB
PP6	GND
PP8	3.3V
PP14	SD CLK
PP15	SD CMD
PP16	SD DAT0
PP17	SD DAT1
PP18	SD DAT2
PP19	SD CD
PP22	USB D+
PP23	USB D-

TV +	TV	Run	Run
TV -	TV	Run	Run

GPIO 0 and 1 are reserved - Do Not Connect
 PAL or NTSC via composite video on TV pads
 Run - temporarily connect pins to reset chip (or start chip after a shutdown)
 Camera Connector (not on Zero 1.1 or 1.2) - 22pin, 0.5mm
 Board Dimensions - 65mm x 30mm x 0.2mm
 Mounting holes M2.5

Raspberry Pi Zero W v1.1



Processor - BCM2835
 ARM v7
 Single Core
 1GHz
 (same as B/B+ and A/A+)

Memory
 512MB RAM
 uSD slot to run OS

Video
 mini HDMI
 PAL or NTSC via pads
 HDMI capable of 1080p

USB
 microB for power
 microB for OTG

Audio
 from HDMI port only

Wireless
 2.4GHz
 802.11n
 Bluetooth 4.1/BLE

