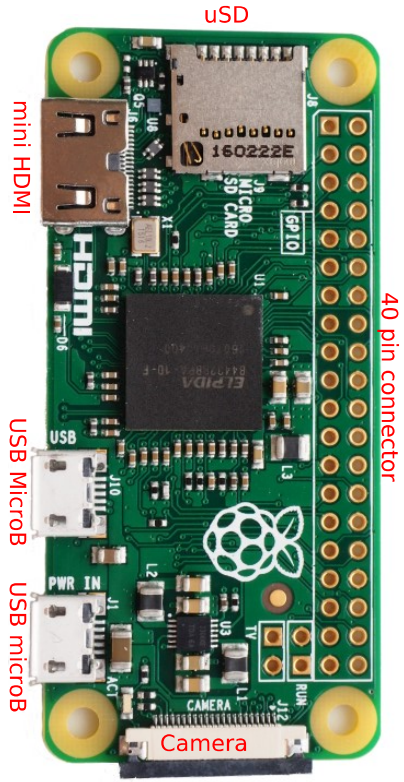
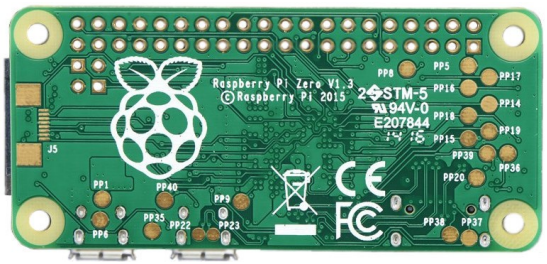
Raspberry Pi Zero v1.3





Position | Power | Ground | Control | GPIO

Wiring | BCM | Serial | PWM | Misc

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

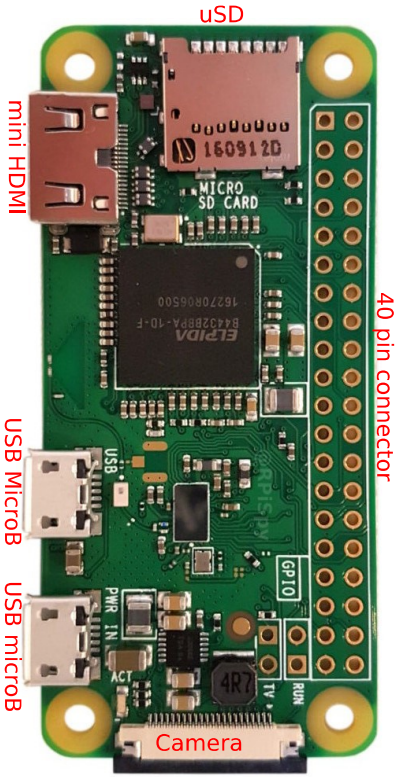
			3.3V	1	2	5V				
	SDA	8	2	3	4	5V				
	SCL	9	3	5	6	GND				
GPCLK0	4	7	4	7	8	14	15	TXD		
			GND	9	10	15	16	RXD		
spi1 CS1	17	0	17	11	12	18	1	18	PWM0	spi1 CS0
	27	2	27	13	14	GND				
	22	3	22	15	16	23	4	23		
			3.3V	17	18	24	5	24		
	MOSI	12	10	19	20	GND				
	MISO	13	9	21	22	25	6	25		
	SCLK	14	11	23	24	8	10	SPI CS0		
			GND	25	26	7	11	SPI CS1		
ID_SD	30	0	DNC	27	28	DNC	1	31	ID_SC	
GPCLK1	5	21	5	29	30	GND				
GPCLK2	6	22	6	31	32	12	26	12	PWM0	
PWM1	13	23	13	33	34	GND				
PWM1 miso1	19	24	19	35	36	16	27	16	spi1 CS2	
	26	25	26	37	38	20	28	20	mosi1	
			GND	39	40	21	29	21	sclk1	

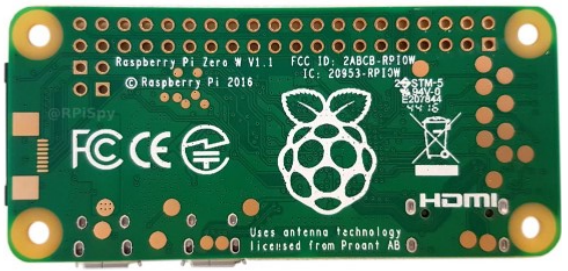
TV +	TV	Run	Run
TV -	TV	Run	Run

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-

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 11
Single Core
1GHz

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

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