

[illegible]

The schematic diagram shows the DM3CS-SF module connected to a +3V3 supply and ground. The module has pins 1 through 9 on the left and pins 6 through 5 on the right. The connections are as follows:

- Pin 4 (VDD) is connected to +3V3 via a 10k resistor (R7) and a 10uF capacitor (C18).
- Pin 3 (CMD) is connected to GPIO18.
- Pin 5 (CLK) is connected to GPIO5.
- Pin 9 (CD_SW) is connected to GPIO19.
- Pin 7 (DAT0) is connected to GPIO20.
- Pin 8 (DAT1) is connected to GPIO21.
- Pin 1 (DAT2) is connected to GPIO22.
- Pin 2 (CD/DAT3) is connected to GPIO22.
- Pin 6 (VSS) is connected to ground via a 10k resistor (R9).
- Pin 4 (GND) is connected to ground.
- Pin 3 (GND) is connected to ground.
- Pin 2 (GND) is connected to ground.
- Pin 1 (GND) is connected to ground.

The diagram illustrates the pin connections for the Raspberry Pi 4B. It features two 40-pin headers, J3 and J4, connected to various components. J3 pins 1-18 are connected to a 3V3 supply, and pins 19-36 are connected to ground. J4 pins 1-18 are connected to a 3V3 supply, and pins 19-36 are connected to ground. The diagram also shows connections for GPIO pins 1-15, ADCs 0-3, and SWCLK.

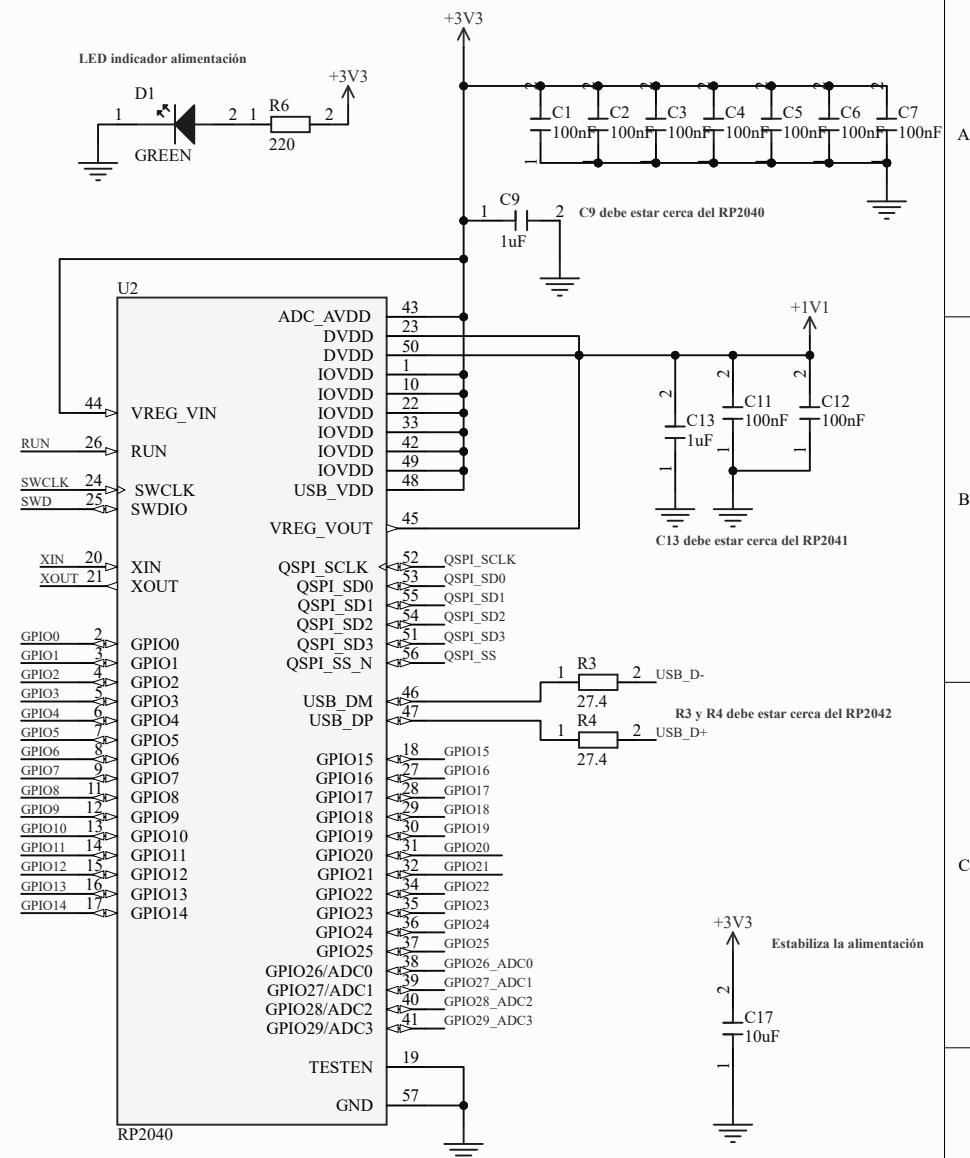
Header	Pin	Signal
J3	1	19
	2	20
	3	21
	4	22
	5	23
	6	24
	7	25
	8	26
	9	27
	10	28
	11	29
	12	30
	13	31
	14	32
	15	33
	16	34
	17	35
	18	36
J4	1	19
	2	20
	3	21
	4	22
	5	23
	6	24
	7	25
	8	26
	9	27
	10	28
	11	29
	12	30
	13	31
	14	32
	15	33
	16	34
	17	35
	18	36

Connections for J3:

- GPIO0
- GPIO1
- GPIO2
- GPIO3
- GPIO4
- GPIO5
- GPIO6
- GPIO7
- GPIO8
- GPIO9
- GPIO10
- GPIO11
- GPIO12
- GPIO13
- GPIO14
- GPIO15

Connections for J4:

- GPIO29 ADC3
- GPIO28 ADC2
- GPIO27 ADC1
- GPIO26 ADC0
- GPIO25
- GPIO24
- GPIO23
- GPIO22
- GPIO21
- GPIO20
- GPIO19
- GPIO18
- GPIO17
- GPIO16
- RUN
- SWD
- SWCLK



Title RP2040 MINIMUM DEV BOARD		
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