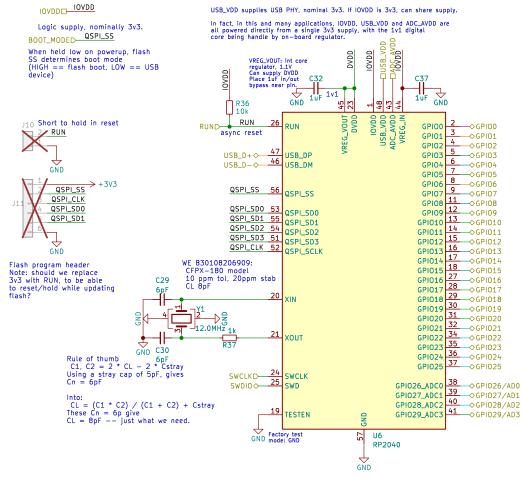


RP2040 Basic Support



GND

status register—2 to be set. In this case, WP becomes IO2 and HOLD becomes IO3.

Flash	QQ NO C31	OVDD	Supply bypass, place near 1, 10, 22, 33, 42, 49	
Note: SS pulled-up externally: from bootmode switch U5 QSPI_SS 1 QSPI_CLK 6 CLK	100nF 22 SOLUTION SOL	QSPLSD1 QSPLSD1 QSPLSD2 QSPLSD3	C33	Supply bypass, near 23, 50 C40 C41 100nF GND GND
	+ W250321VSS Qu	ad SPI requires QE bit in		

	Function								
GPIO	F1	F2	F3	F4	F5	F6	F7	F8	F9
0	SPI0 RX	UARTO TX	I2C0 SDA	PWM0 A	SIO	PIO0	PIO1		USB OVCUR DET
1	SPI0 CSn	UARTO RX	I2C0 SCL	PWM0 B	SIO	PI00	PIO1		USB VBUS DET
2	SPI0 SCK	UARTO CTS	I2C1 SDA	PWM1 A	SIO	PI00	PIO1		USB VBUS EN
3	SPI0 TX	UARTO RTS	I2C1 SCL	PWM1 B	SIO	PIO0	PIO1		USB OVCUR DET
4	SPI0 RX	UART1 TX	I2C0 SDA	PWM2 A	SIO	PIO0	PIO1		USB VBUS DET
5	SPI0 CSn	UART1 RX	I2C0 SCL	PWM2 B	SIO	PIO0	PIO1		USB VBUS EN
6	SPI0 SCK	UART1 CTS	I2C1 SDA	PWM3 A	SIO	PI00	PIO1		USB OVCUR DET
7	SPI0 TX	UART1 RTS	I2C1 SCL	PWM3 B	SIO	PI00	PIO1		USB VBUS DET
8	SPI1 RX	UART1 TX	I2C0 SDA	PWM4 A	SIO	PI00	PIO1		USB VBUS EN
9	SPI1 CSn	UART1 RX	I2C0 SCL	PWM4 B	SIO	PI00	PIO1		USB OVCUR DET
10	SPI1 SCK	UART1 CTS	I2C1 SDA	PWM5 A	SIO	PIO0	PIO1		USB VBUS DET
11	SPI1 TX	UART1 RTS	I2C1 SCL	PWM5 B	SIO	PIO0	PIO1		USB VBUS EN
12	SPI1 RX	UARTO TX	I2C0 SDA	PWM6 A	SIO	PIO0	PIO1		USB OVCUR DET
13	SPI1 CSn	UARTO RX	I2C0 SCL	PWM6 B	SIO	PI00	PIO1		USB VBUS DET
14	SPI1 SCK	UARTO CTS	I2C1 SDA	PWM7 A	SIO	PI00	PIO1		USB VBUS EN
15	SPI1 TX	UARTO RTS	I2C1 SCL	PWM7 B	SIO	PI00	PIO1		USB OVCUR DET
16	SPI0 RX	UARTO TX	I2C0 SDA	PWM0 A	SIO	PIO0	PIO1		USB VBUS DET
17	SPI0 CSn	UARTO RX	I2C0 SCL	PWM0 B	SIO	PIO0	PIO1		USB VBUS EN
18	SPI0 SCK	UARTO CTS	I2C1 SDA	PWM1 A	SIO	PI00	PIO1		USB OVCUR DET
19	SPI0 TX	UARTO RTS	I2C1 SCL	PWM1 B	SIO	PI00	PIO1		USB VBUS DET
20	SPI0 RX	UART1 TX	I2C0 SDA	PWM2 A	SIO	PI00	PIO1	CLOCK GPINO	USB VBUS EN
21	SPI0 CSn	UART1 RX	I2C0 SCL	PWM2 B	SIO	PI00	PIO1	CLOCK GPOUTO	USB OVCUR DET
22	SPI0 SCK	UART1 CTS	I2C1 SDA	PWM3 A	SIO	PI00	PIO1	CLOCK GPIN1	USB VBUS DET
23	SPI0 TX	UART1 RTS	I2C1 SCL	PWM3 B	SIO	PI00	PIO1	CLOCK GPOUT1	USB VBUS EN
24	SPI1 RX	UART1 TX	I2C0 SDA	PWM4 A	SIO	PI00	PIO1	CLOCK GPOUT2	USB OVCUR DET
25	SPI1 CSn	UART1 RX	12C0 SCL	PWM4 B	SIO	PI00	PIO1	CLOCK GPOUT3	USB VBUS DET
26	SPI1 SCK	UART1 CTS	I2C1 SDA	PWM5 A	SIO	PIO0	PIO1		USB VBUS EN
27	SPI1 TX	UART1 RTS	I2C1 SCL	PWM5 B	SIO	PIO0	PIO1		USB OVCUR DET
28	SPI1 RX	UARTO TX	I2C0 SDA	PWM6 A	SIO	PI00	PIO1		USB VBUS DET
29	SPI1 CSn	UARTO RX	I2C0 SCL	PWM6 B	SIO	PI00	PIO1		USB VBUS EN

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Psychogenic Technologies

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