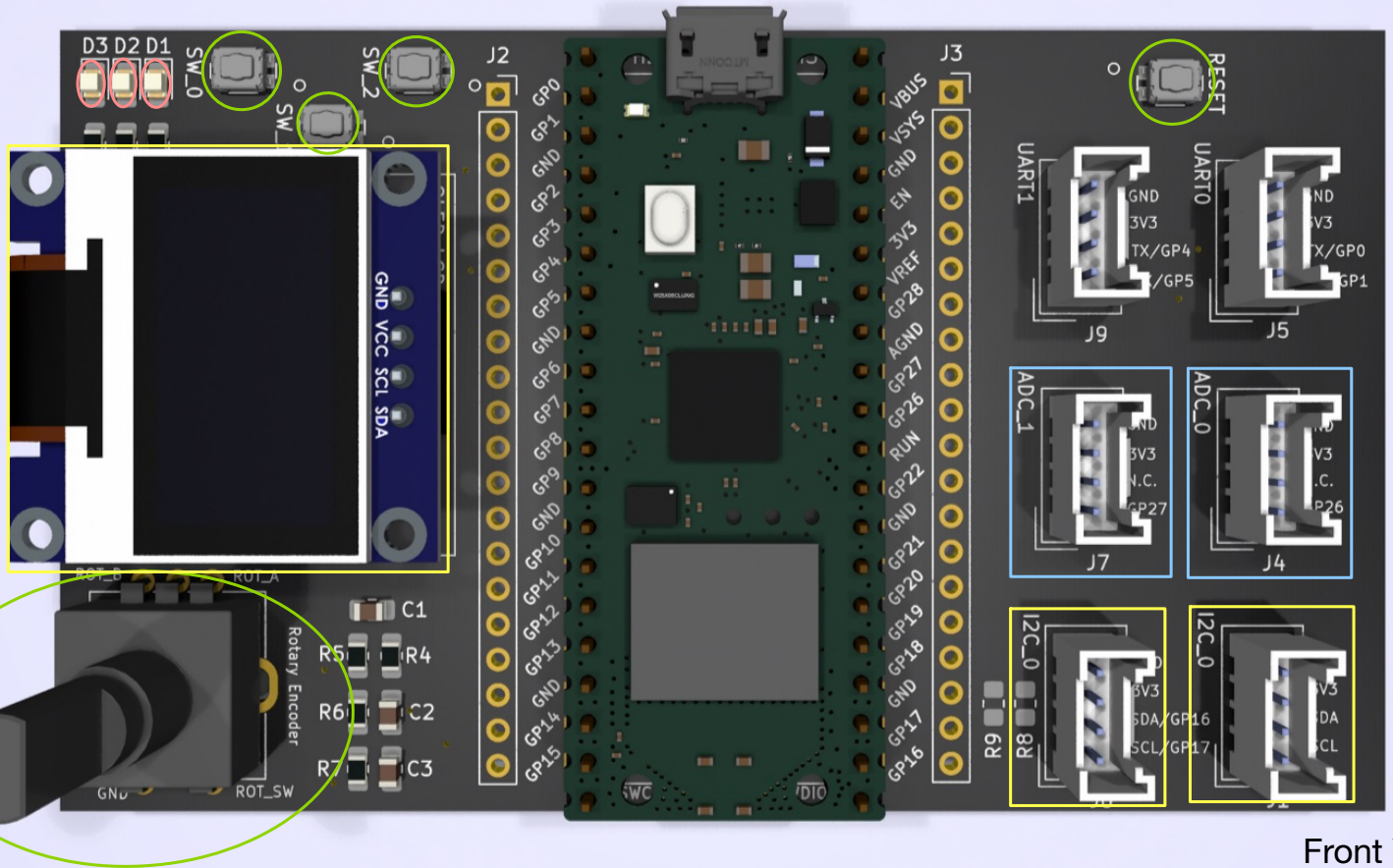




# First Year Hardware Raspberry Pi Pico W Dev Board



Front View

## Pinout

Peripheral	Description	Pin	Comments
SW0	Tactile Switch	GP9(12)	Active Low
SW1	Tactile Switch	GP8(11)	Active Low
SW2	Tactile Switch	GP7(10)	Active Low
RESET	Tactile Switch	Run(30)	
ROTA	Encoder Output	GP10(14)	Pulse Out
ROTB	Encoder Output	GP11(15)	Pulse Out
ROT_Push	Encoder Tactile Switch	GP12(16)	Active Low
D1	LED	GP22(29)	Active High
D2	LED	GP21(27)	Active High
D3	LED	GP20(26)	Active High
ADC_0	ADC Input	GP26(31)	
ADC_1	ADC Input	GP27(32)	
UART_0 TX	Async Serial Transmit	GP0(1)	
UART_0 RX	Async Serial Receive	GP1(2)	
UART_1 TX	Async Serial Transmit	GP4(6)	
UART_1 RX	Async Serial Receive	GP5(7)	
I2C_0 SCL	Inter Integrated Circuit Clock	GP17(22)	
I2C_0 SDA	Inter Integrated Circuit Data	GP16(21)	
I2C_1 SCL	Inter Integrated Circuit Clock	GP15(20)	OLED Display Clock Line
I2C_1 SDA	Inter Integrated Circuit Data	GP14(19)	OLED Display Data Line

