

# STM32\_F4VE

Flash Programmer  
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5V 5V  
5V 5V  
3V3 3V3  
3V3 3V3  
GND GND  
GND GND  
PE2 PE3  
PE4 PE5  
PE6 PC13  
PC0 PC1  
PC2 PC3  
VR- VR+  
PA0 PA1  
PA2 PA3  
PA4 PA5  
PA6 PA7  
PC4 PC5  
PB0 PB1  
PE7 PE8  
PE9 PE10  
PE11 PE12  
PE13 PE14  
PE15 PB10  
PB11 PB12  
PB13 PB14

3V3 3V3  
3V3 3V3  
BT0 BT1  
GND GND  
GND GND  
PE1 PE0  
PB9 PB8  
PB7 PB6  
PB5 PB3  
PD7 PD6  
PD5 PD4  
PD3 PD2  
PD1 PD0  
PC12 PC11  
PC10 PA15  
PA12 PA11  
PA10 PA9  
PA8 PC9  
PC8 PC7  
PC6 PD15  
PD14 PD13  
PD12 PD11  
PD10 PD9  
PD8 PB15

Serial 3.3!

GND  
TX  
RX



STM32F4XX

