Adafruit Feather M0 WINC1500

https://www.adafruit.com/products/3010

The Microchip (nee Atmel) SAMD21 is an ARM Cortex-M0+ running at 48 MHz with 32kB on-chip SRAM, 256KB Flash memory and built in USB. All GPIO is 3.3Vin/out max unless otherwise stated. SERCOMs can be used as UART (TX on SERCOM pad 0 or 2, RX on any pad), I2C (SDA on pad 0, SCL on pad 1), or SPI (SCK on pad 1 or 3, MOSI on pad 0 or 3 (SCK on pad 1) or pad 0 or 2 (SCK on pad 3), MISO on any pad remaining)

WiFi Module Control

D2	2	PA14	14	S2.2	S4.0	TC3[0]	TCC0[4]	ENA
D4	4	PA08	NMI	AIN16	S0.0	S2.0	TCC0[0]	TCC1[2]	I2S/SD1	RST
D7	7	PA21	5	S5.3	S3.3	TC7[1]	TCC0[7]	I2S/FS0	IRQ
D8	8/A6	PA06	6	AIN6	Y4	S0.2	TCC1[0]	CS

Used by WiFi Module Too

									RESET
									3.3V
									AREF
									GND

	Y0	AIN0	VOUT	2	PA02	14/A0	A0
TC4[0]	S4.0		Y14	AIN2		15/A1	PB08	A1
TC4[1]	S4.1		Y15	AIN3		9	PB09	16/A2	A2
TCC0[0]	S0.2		Y2	AIN4	VREFB	4	PA04	17/A3	A3
TCC0[1]	S0.1		Y3	AIN5		5	PA05	18/A4	A4
TC6[0]	S5.0		Y8	AIN10		2	PB02	19/A5	A5
I2S/SCK1	TCC0[5]	TC5[1]	S4.3			11	PB11	24	SCK
I2S/MCK1	TCC0[4]	TC5[0]	S4.2			10	PB10	23	MOSI
	TCC0[6]	TCC2[0]	S4.0	S2.0		12	PA12	22	MISO
I2S/FS0	TCC0[3]	TCC1[1]	S2.3	S0.3	AIN19	11	PA11	0	D0
I2S/SCK0	TCC0[2]	TCC1[0]	S2.2	S0.2	AIN18	10	PA10	1	D1
									WAKE

							VBAT
							EN
							VBUS
D13	13	PA17	1	S1.1	S3.1	TCC2[1]	TCC0[7]
D12	12	PA19	3	S1.3	S3.3	TC3[1]	TCC0[3]	I2S/SD0
D11	11	PA16	0	S1.0	S3.0	TCC2[0]	TCC0[6]
D10	10	PA18	2	S1.2	S3.0	TC3[0]	TCC0[2]
D9	9/A7	PA07	7	AIN7	Y5	S0.3	TCC1[1]	I2S/SD0
D6	6	PA20	4	S5.2	S3.2	TC7[0]	TCC0[6]	I2S/SCK0
D5	5	PA15	15	S2.3	S4.3	TC3[1]	TCC0[5]
SCL	21	PA23	7	S3.1	S5.1	TC4[1]	TCC0[5]
SDA	20	PA22	6	S3.0	S5.0	TC4[0]	TCC0[4]

	Legend
Power	GPIO	SERCOM
GND	INT	SERCOM Alt
Control	DAC/AREF	Timer
CircuitPython Name	ADC	Timer Alt
Arduino Name	Touch	Special