

Sheet1

Functional Block	Pin Name	Pin Number	Bank
GPIO 1	GPIO 0	V21	5
	GPIO 1	V22	5
	GPIO 2	U21	5
	GPIO 3	U22	5
	GPIO 4	D22	6
	GPIO 5	D21	6
	GPIO 6	E22	6
	GPIO 7	E21	6
	GPIO 8	F22	6
	GPIO 9	F21	6
	GPIO 10	H22	6
	GPIO 11	H21	6
	GPIO 12	J22	6
	GPIO 13	J21	6
	GPIO 14	M21	5
	GPIO 15	M22	5

GPIO 2	GPIO 0	B6	8
	GPIO 1	A6	8
	GPIO 2	B7	8/CONF
	GPIO 3	A7	8
	GPIO 4	B18	7
	GPIO 5	A18	7
	GPIO 6	B17	7
	GPIO 7	A17	7
	GPIO 8	B16	7
	GPIO 9	A16	7
	GPIO 10	B15	7
	GPIO 11	A15	7
	GPIO 12	B14	7
	GPIO 13	A14	7
	GPIO 14	B13	7
	GPIO 15	A13	7

5volt GPIO	5vGPIO-0	AB20	4
	5vGPIO-1	AA20	4
	5vGPIO-2	AB19	4
	5vGPIO-3	AA19	4

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Functional Block	Pin Name	Pin Number	Bank
DPS422	Csn	AA22	5
	MOSI	AA21	5
	SCLK	Y22	5
	MISO	Y21	5
BNO055	SDA	E1	1
	SCL	D2	1
	INT	B1	1
	NRESET	B2	1
ICM-20602	SCLK	AB8	3
	MOSI	AA8	3
	MISO	AB9	3
	Csn	AA9	3
	INT	AA10	3
	FSYNC	AB10	3
ADC	Csn	AB18	4
	MOSI	AA18	4
	MISO	AB16	4
	SCLK	AA16	4
Radio	CE	C22	6
	Csn	C21	6
	SCLK	B22	6
	MOSI	A20	7
	MISO	A19	7
	IRQ	B20	7
ESC	ESC1	N2	2
	ESC2	N1	2
	ESC3	M2	2
	ESC4	M1	2
	ESC-TX	P1	2

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Functional Block	Pin Name	Pin Number	Bank
50 MHz Clock	Clock	T1	Clocks
FTDI	ADBUSH4	AB3	3
	ADBUSH5	AA3	3
	ADBUSH6	AB4	3
	ADBUSH7	AA4	3
	ACBUS0	AB5	3
	ACBUS1	AA5	3
	ACBUS2	AB7	3
	ACBUS3	AA7	3
	ACBUS4	AA13	4
	ACBUS5	AB13	4
	ACBUS6	AA14	4
	ACBUS7	AB14	4
	ACBUS8	AA15	4
	ACBUS9	AB15	4
User Flash	CLK	F1	1
	Csn	J1	1
	IO0	F2	1
	IO1	J2	1
	IO2	H1	1
	IO3	H2	1
User LED	LED0	Y1	2
	LED1	Y2	2
	LED2	W1	2
	LED3	W2	2
	LED4	V1	2
	LED5	V2	2
	LED6	U1	2
	LED7	U2	2