

Chip	Datasheet Description	Arduino	Board	Board Description
1	DEC1	N/A	N/A	Not accessible
2	P0.00 / XL1		12	32.768kHz External Oscillator
3	P0.01 / XL2		13	32.768kHz External Oscillator
4	P0.02 / AIN0	2	A3	Analogue Input Digital I/O
5	P0.03 / AIN1	N/A	N/C	Not Routed
6	P0.04 / AIN2	4	A5	Analogue Input Digital I/O
7	P0.05 / AIN3	5	A4	Analogue Input Digital I/O
8	P0.06	6	SDA	SDA Digital I/O
9	P0.07	7	SCL	SCL Digital I/O
10	P0.08	8	14	Digital I/O Yellow LED
11	NFC1 / P0.09	9	2	Digital I/O NFC Antenna
12	NFC2 / P0.10	10	1	Digital I/O NFC Antenna
13	VDD	N/A	VDD	1.7v to 3.7v
14	P0.11	11	TXD	Serial TXD Digital I/O
15	P0.12	12	RXD	Serial RXD Digital I/O
16	P0.13	13	15	Digital I/O Red LED
17	P0.14 / TRACEDATA[3]	14	16	Digital I/O Trace Port Output
18	P0.15 / TRACEDATA[2]	15	17	Digital I/O Left-Hand Switch Trace Port Output
19	P0.16 / TRACEDATA[1]	16	2	Digital I/O Trace Port Output
20	P0.17	17	3	Digital I/O
21	P0.18 / TRACEDATA[0] / SWO	18	4	Digital I/O Trace Port Output Single Wire Output
22	P0.19	19	5	Digital I/O
23	P0.20 / TRACECLK	20	6	Digital I/O Trace Port Clock Output
24	P0.21 / nRESET	21	N/A	Right-Hand Switch
25	SWDCLK	N/A	CLK	Serial Wire Debug Clock Input
26	SWDIO	N/A	DIO	Serial Wire Debug I/O
27	P0.22	22	7	Digital I/O
28	P0.23	23	8	Digital I/O
29	P0.24	24	9	Digital I/O
30	ANT	N/A	Antenna	2.4 GHz Antenna
31	VSS	N/A	Ground	Ground Plane
32	DEC2	N/A	N/A	Not accessible
33	DEC3	N/A	N/A	Not accessible
34	XC1	N/A	N/A	32MHz External Oscillator
35	XC2	N/A	N/A	32MHz External Oscillator
36	VDD	N/A	VDD	1.7v to 3.7v
37	P0.25	25	11	MOSI Digital I/O
38	P0.26	26	12	MISO Digital I/O
39	P0.27	27	13	SCK Digital I/O
40	P0.28 / AIN4	28	10	CS Analogue Input Digital I/O
41	P0.29 / AIN5	29	A0	Analogue Input Digital I/O
42	P0.30 / AIN6	30	A1	Analogue Input Digital I/O
43	P0.31 / AIN7	31	A2	Analogue Input Digital I/O
44	Not Connected	N/A	N/C	Not accessible
45	VSS	N/A	GND	GND
46	DEC4	N/A	N/A	Not accessible
47	DCC	N/A	N/A	Not accessible
48	VDD	N/A	VDD	1.7v to 3.7v