NRF24LE1 Module and Adapter programming and pin functions table

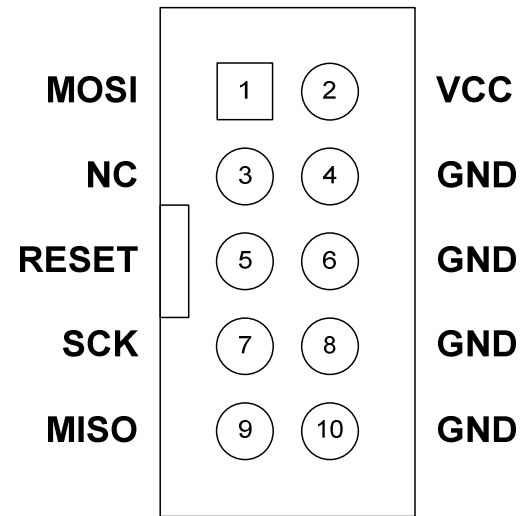| Pin number		Pin name	Functions*					Pin number		Pin name
Adapter	Module	Name	F1	F2	F3	F4	F5	ISP Cable	ISP Programmer	Name
1	10	P0.4	I/O	UART RX	–	AIN4	W2SCL	–	–	–
2	9	P0.3	I/O	UART TX	PWM1	AIN3	–	–	–	–
3	8	PROG	PROG	–	–	–	–	3, 5, 7, 9	4, 6, 8, 10	GND
4	7	P0.2	I/O	–	PWM0	AIN2	–	–	–	–
5	6	P0.1	I/O	CLKLF	–	AIN1	–	–	–	–
6	5	P0.0	I/O	CLKLF	–	AIN0	–	–	–	–
7	4	P1.6	I/O	–	MMISO	–	–	–	–	–
8	3	P1.5	I/O	–	MMOSI	–	–	–	–	–
9	2	GND	–	–	–	–	–	3, 5, 7, 9	4, 6, 8, 10	GND
10	1	VCC (3.3V)	–	–	–	–	–	1	2	VCC
11	11	P0.5	I/O	GPINT0	S/FSCK	AIN5	W2SDA	–	–	–
12	12	P0.6	I/O	GPINT1	–	AIN6	–	–	–	–
13	13	P0.7	I/O	T0	S/FMOSI	AIN7	OCITCK	2	1	MOSI
14	14	P1.0	I/O	T1	S/FMISO	AIN8	OCITMS	10	9	MISO
15	15	P1.1	I/O	–	S/FCSN	AIN9	OCITDI	6	5	RESET
16	16	P1.2	I/O	–	–	AIN10	OCITDO	–	–	–
17	17	P1.3	I/O	–	–	–	OCITO	–	–	–
18	18	P1.4	I/O	–	MSCK	–	–	8	7	SCK
19	19	RESET	RST	–	–	–	–	1	2	VCC
20	–	VIN (4.8-15V)	–	–	–	–	–	–	–	–

* – for more information refer to the NRF24LE IC datasheet, page 137 (17.3.2 Pin assignments in package 32 pin 5x5 mm)
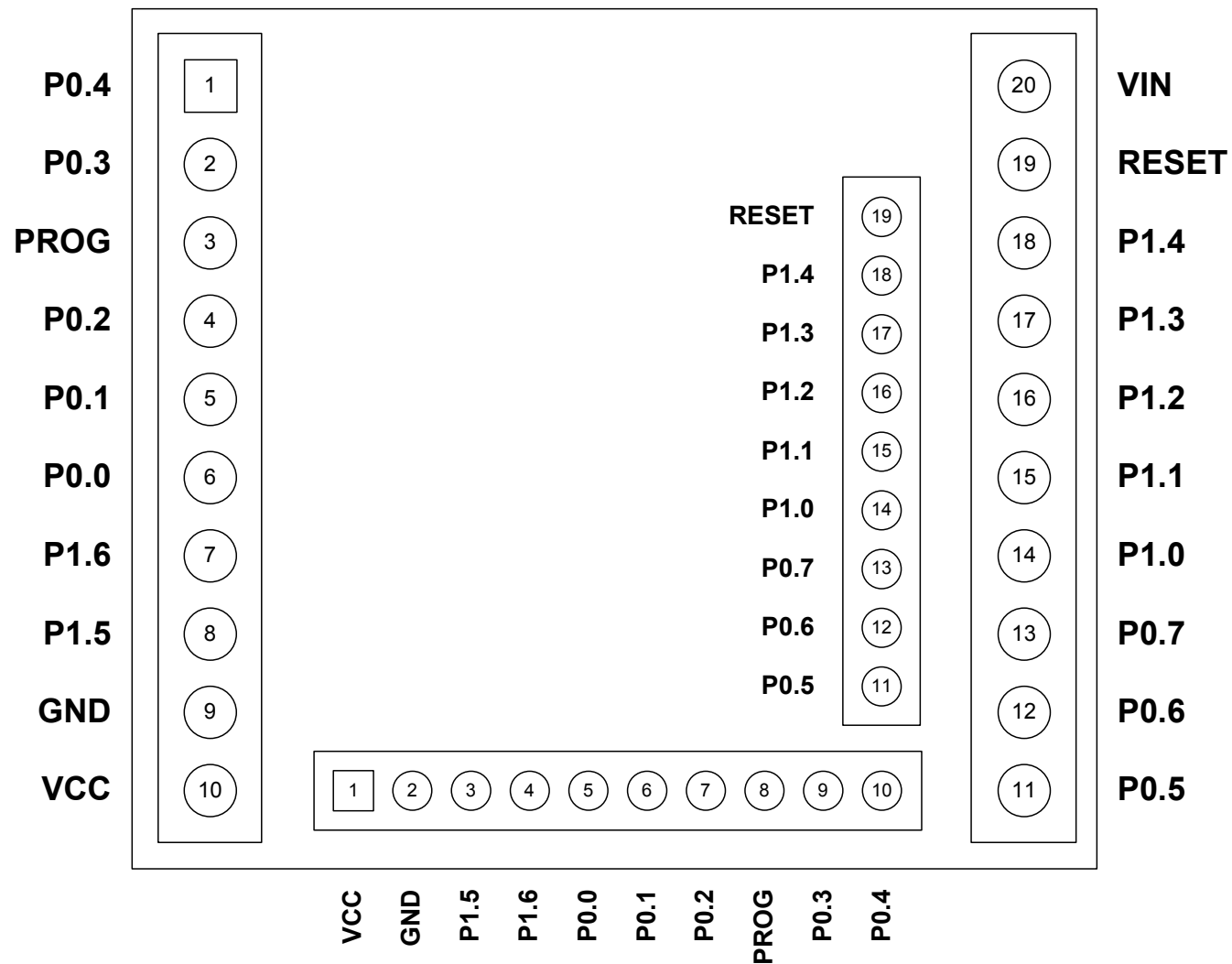
NRF24LE1 Module and Adapter

ISP Programmer Cable

VCC	1	2	MOSI
GND	3	4	NC
GND	5	6	RESET
GND	7	8	SCK
GND	9	10	MISO
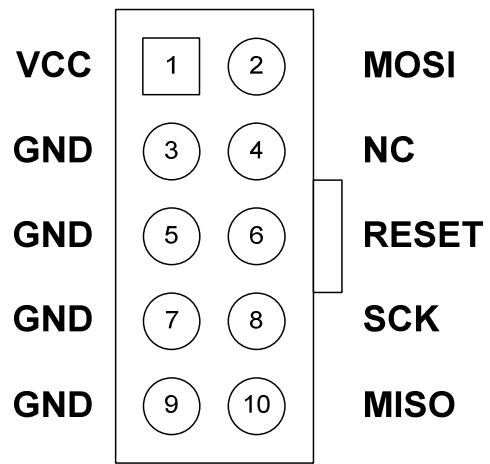
ISP Programmer Cable

ISP Programmer Connector

MOSI	1	2	VCC
NC	3	4	GND
RESET	5	6	GND
SCK	7	8	GND
MISO	9	10	GND

ISP Programmer Connector

NRF24LE1 Adapter stickers on plug sides

Top row (repeated): P0.4, P0.3, PRG, P0.2, P0.1, P0.0, P1.6, P1.5, GND, VCC

Bottom row (repeated): P0.5, P0.6, P0.7, P1.0, P1.1, P1.2, P1.3, P1.4, RST, VIN