

# nRF24L01+ Transmit Only

In RaspberryPi system install g++ compiler.

```
sudo apt install g++
```

Download project

```
git clone https://github.com/wirekraken/Raspberry-Pi-NRF24.git
```

Inside you can see a file transmitter.cpp . Compile this file:

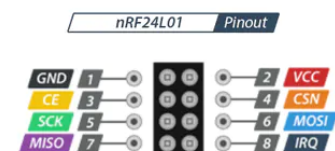
```
g++ -Wall -lrf24 transmitter.cpp -o transmitter
```

Run the program

```
./transmitter
```

## Connection

<b>VCC</b> 01 3.3v DC Power		DC Power 5v 02
03 GPIO02 (SDA1 , I²C)		DC Power 5v 04
05 GPIO03 (SCL1 , I²C)		Ground 06 <b>GND</b>
07 GPIO04 (GPIO_GCLK)		(TXD0) GPIO14 08
09 Ground		(RXD0) GPIO15 10
<b>CE</b> 11 GPIO17 (GPIO_GEN0)		(GPIO_GEN1) GPIO18 12
13 GPIO27 (GPIO_GEN2)		Ground 14
15 GPIO22 (GPIO_GEN3)		(GPIO_GEN4) GPIO23 16
17 3.3v DC Power		(GPIO_GEN5) GPIO24 18
<b>MOSI</b> 19 GPIO10 (SPI_MOSI)		Ground 20
<b>MISO</b> 21 GPIO09 (SPI_MISO)		(GPIO_GEN6) GPIO25 22
<b>SCK</b> 23 GPIO11 (SPI_CLK)		(SPI_CE0_N) GPIO08 24 <b>CSN</b>
25 Ground		(SPI_CE1_N) GPIO07 26
27 ID_SD (I²C ID EEPROM)		(I²C ID EEPROM) ID_SC 28
29 GPIO05		Ground 30
31 GPIO06		GPIO12 32
33 GPIO13		Ground 34
35 GPIO19		GPIO16 36
37 GPIO26		GPIO20 38
39 Ground		GPIO21 40



nRF24L01+	Raspberry Pi
GND	6 / GND
VCC	1 / 3.3V
CE	11 / GPIO17
CSN	24 / GPIO8 / SPI_CE0_N
SCK	23 / GPIO11 / SPI_CLK
MOSI	19 / GPIO10 / SPI_MOSI
MISO	21 / GPIO9 / SPI_MISO
IRQ	—

