

1. Clone the No-OS repository:

Clone the Analog Devices No-OS repository from GitHub:

```
bash Copy code  
  
git clone https://github.com/analogdevicesinc/no-OS.git
```

2. Install the required dependencies:

Ensure you have the necessary development tools installed on your Raspberry Pi:

```
bash Copy code  
  
sudo apt-get update  
sudo apt-get install build-essential cmake libiio-dev libserialport-dev
```

3. Navigate to the AD7124 driver:



Navigate to the directory containing the AD7124 driver in the cloned No-OS repository:

```
sudo apt-get update  
sudo apt-get install build-essential cmake libiio-dev libserialport-dev
```

3. Navigate to the AD7124 driver:

Navigate to the directory containing the AD7124 driver in the cloned No-OS repository:

```
bash Copy code  
  
cd no-OS/drivers/adc/ad7124
```

4. Modify the driver for your platform:

You may need to modify the SPI initialization and platform-specific code to work with the Raspberry Pi. The platform layer handles the communication with the AD7124-4.

Example Code for AD7124-4 Using No-OS



Here is an example of how to use the No-OS driver for the AD7124-4 on a Raspberry Pi. This