**Pin Connection**

|  |  |  |
| --- | --- | --- |
| Pin Name | On Chip | On Arduino |
| SCK = 13 | 40 | 13 |
| MISO [DOUT]  | 43 | 12 |
| MOSI [DIN] | 34 | 11 |
| CS | 39 | 10 |
| RESET | 36 | 9 |
| DRDY  | 47 | 8 |

**Code:**

#include "ADS1299.h"

ADS1299 ADS;

int count = 0;

void setup() {

 ADS.initialize(8,9,10,13,false); // (DRDY pin, RST pin, CS pin, SCK frequency in MHz);

 Serial.begin(115200);

 Serial.println("ADS1299-Arduino UNO Example 2");

 delay(1000);

 ADS.verbose = true; // when verbose is true, there will be Serial feedback

} // end of setup

void loop(){

 ADS.START();

 ADS.RESET(); // send RESET command to default all registers

 ADS.SDATAC(); // exit Read Data Continuous mode to communicate with ADS

 ADS.RREG(0x00);

 delay(1000);

}

**Result**

