ADS1115

16BIT Analog Digital Converter ADC Module

• The ADS1115 is a 16-bit high precision, 860 samples/second analog to digital converter which interfaces though I2C.
• This ADC can be configured as 4 single-ended input channels or 2 differential channels.
• There is a programmable gain amplifier built in which can amplify up to 16 times the signal.
• Operating Voltage: 2 to 5.5V
• Channel: 4 single-ended input or 2 differential input
• Channel Input Voltage: 0 to VDD
• Bit Rate: 16 bit
• Programmable Data Rate: 8 to 860sps
• Interface: I2C