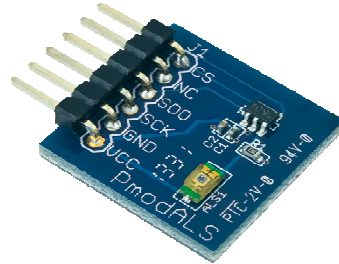
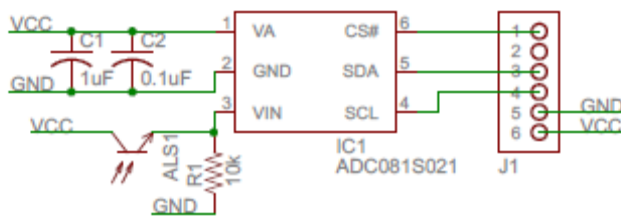
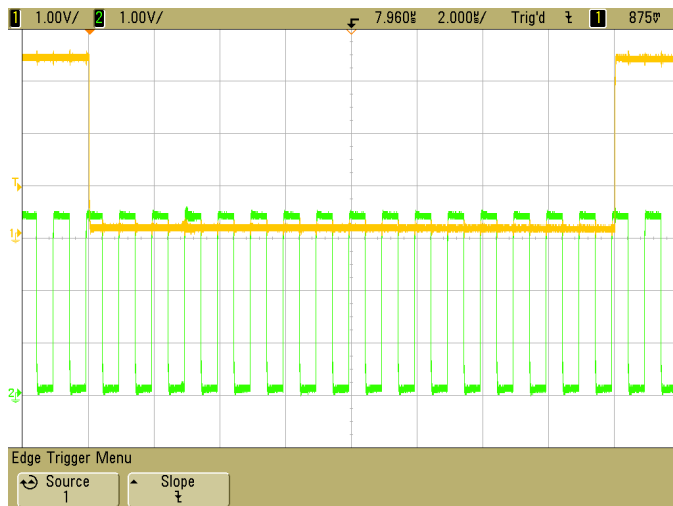


PmodALS Light Sensor Interface Example

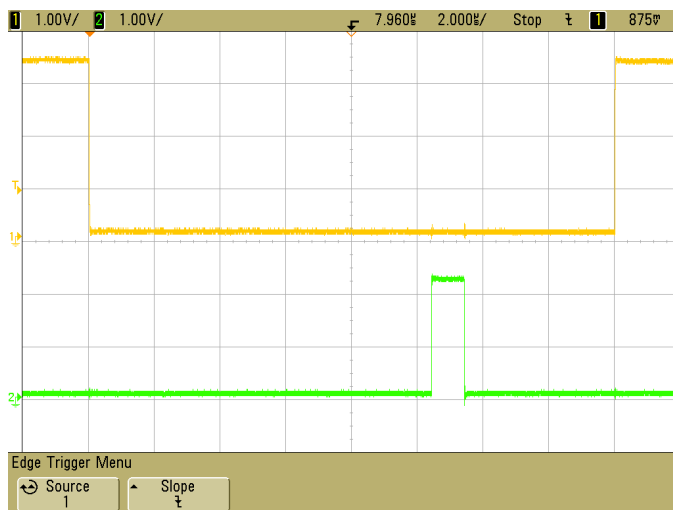
Read the Digilent PmodALS Reference Manual and the Texas Instruments ADC081S021 ADC data sheet.



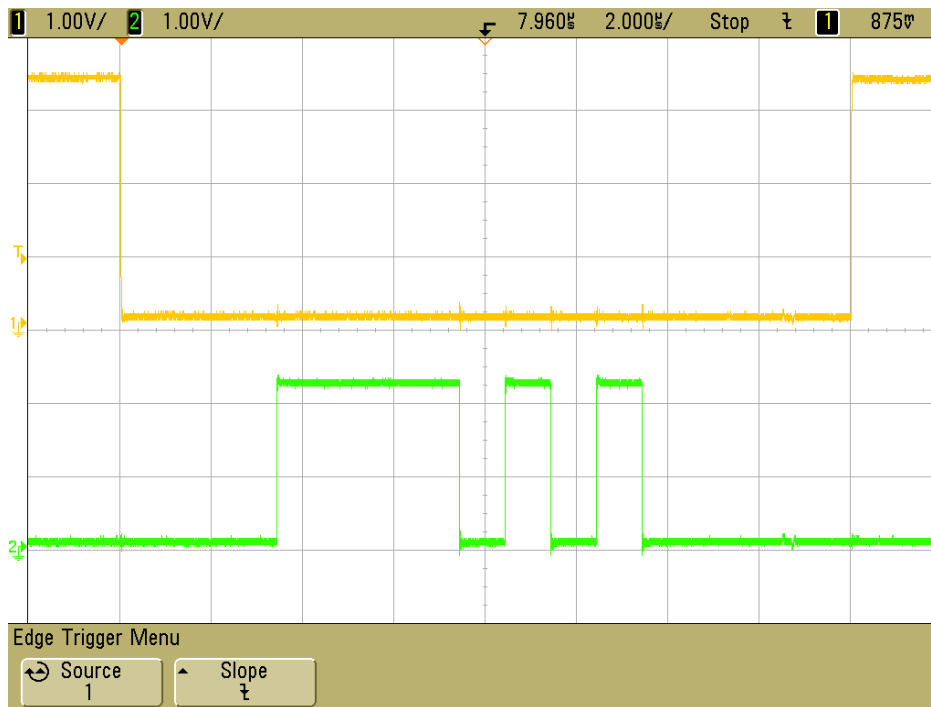
PmodALS schematic and module from Digilent



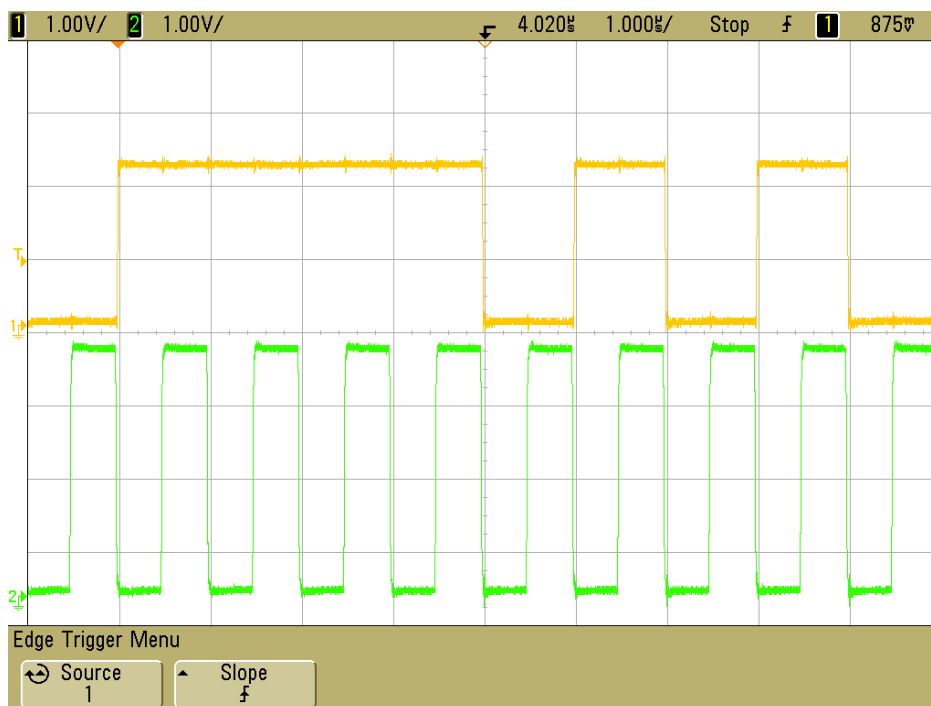
CS# and SCK showing 16 clock cycles (at 1MHz)



CS# and SDO showing low light sensor value



CS# and SDO showing bright light sensor value (11110101 = 0xF5)



SDO and SCK showing bright light sensor value (11110101 = 0xF5)
 Note: Data changes on falling edge of SCK