

Arduino builds an optical power meter



Overview

This is the code for the Build an Arduino Power Meter with an OLED Screen (DC Version) article on the Open Home Automation website. To build DIY optical power meter with standard SFP module and Arduino - Can measure optical power in dbm and watt - Can Enable/Disable TX power output (laser source) - Can debug via UART And Arduino Library - a lib for SFP/DDM interfacing (not only optical sfp transceiver - to interface and. Finally, tested and calibrated with commercial optical power meter. The reference model is Anritsu, SLT35-FU. In this project, you will build your own power meter based on Arduino, that is completely independent from any external components. You can find the article on our. Measuring average, max (peak) and min power. The basic operation of optical power meter. There are countless electrical power meters out there, but in this tutorial, I'll show you how to build your own and use Arduino to measure how much power a single device is using.



Article Content

how to construct receiver circuit for optic fiber

I've recently built temperature monitoring (30degree-80degree) using plastic fiber-optic (pof) sensors with integration to

Build an Arduino Power Meter with an OLED Screen (DC Version)

In this project, we'll measure the power used by a device and display it on a small OLED screen right next to the Arduino board. This

Measure RPM

Measure RPM - Optical Tachometer : This Instructable will show you how to make a Portable Digital Optical Tachometer using an

Arduino-Based Optical Tachometer

Arduino-Based Optical Tachometer: Over ten years ago, I put up a web page with detailed instructions on building a simple electric

How to Build an Arduino Energy Monitor

You should now see two columns of values. Apparent power on the left, RMS current on the right. See also: How to build an Arduino

Make Your Own Power Meter/Logger

Make Your Own Power Meter/Logger: In this project I will show you how I combined an Arduino, an INA219 power monitor IC, an

Contact Us

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