

Making an optical power meter using Arduino

In this project, I'll show you how to make an Arduino based power ...

This sketch will readout RF power and SWR from any SWR bridge (for example "monimatch" type). As this "monimatch" type of bridge is frequency dependant, the meter must be calibrated for every band.

DIY Optical Power Meter with SFP (Small Form-factor Pluggable transceiver) and DDM (Digital diagnostics monitoring) protocol

This document provides a detailed guide on creating a Power Meter/Logger using an Arduino, INA219 power monitor IC, OLED LCD, and Micro SD Card. It includes steps for ordering parts, creating the ...

Make Your Own Power Meter/Logger: In this project I will show you how I combined an Arduino, an INA219 power monitor IC, an OLED LCD and a Micro SD Card PCB in order to create a power ...

Arduino and AD8317 module power meter with SSD1306 OLED display - olgierd/ad8317_powermeter

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 way, you'll be able to build your own independent power meter based ...

Optical Power Meter (with SFP and DDM protocol) project page shows how to DIY Optical Power Meter with SFP (Small Form-factor Pluggable ...

Optical Power Meter (with SFP and DDM protocol) project page shows how to DIY Optical Power Meter with SFP (Small Form-factor Pluggable transceiver) and DDM (Digital ...

Proceed with a photodiode, AD8307 amplifier and an Arduino Nano. Quite wide ranges. -45dBm to +5dBm is 100 000x. Also for that range of wavelength you need InGaAs photodiode. You'll ...

This PCB is made for measuring the optical power of a laser with Arduino and Peltier cell. Check full tutorial for more.

In this project, I'll show you how to make an Arduino based power and energy meter that can measure current, power, and energy consumption using the INA219 current sensor and show it ...

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