



"Embedding thoughts into Technology"

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Money-Saving Maximum Demand Controller

Client:

In-house development

Requirement:

To design a system which can monitor the incoming power feed from the utility provider and take precautionary measures, so that the load demand does not cross the contract demand.

Solution:

Embin designed a maximum demand controller based on the 89v51RD2 microcontroller which can measure and monitor the maximum demand along with many other power parameters. The demand controller can control the demand by means of shutting down the low priority loads. The controller can also log the various events.

Tools/Platforms:

- » 8 bit Microcontroller
- » Firmware: C