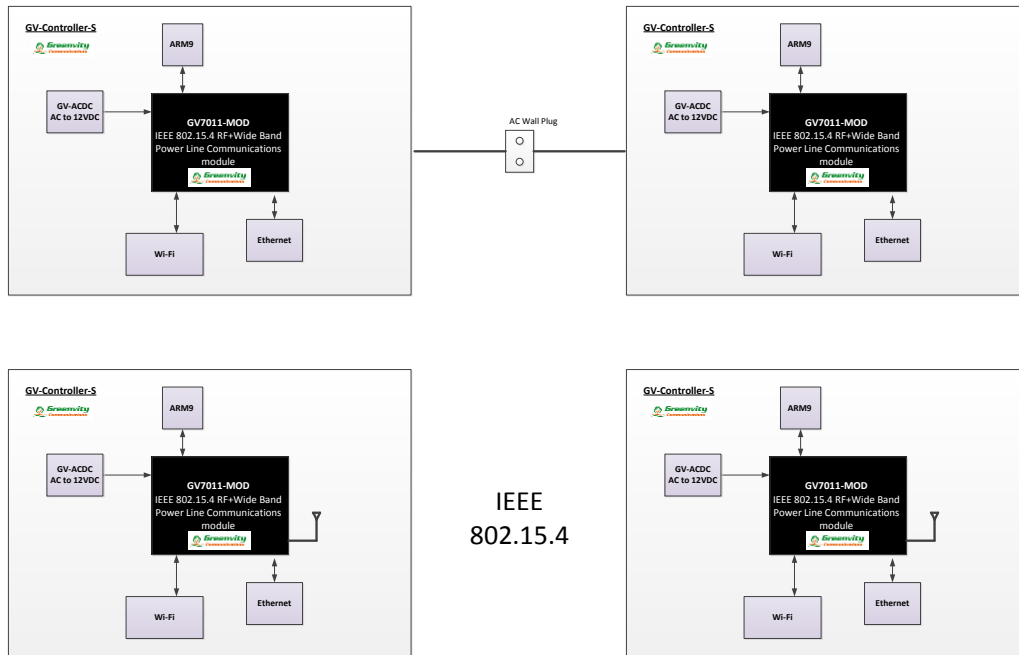


# GV7011 Development Kit (GV7011-DP)

Greenvity's GV7011-DP is a smart LED development kit featuring the GV-LED-11 modules. The with GV-LED-11, PLC throughput can be established and IEEE 802.15.4 communications can be observed.



**GV-LED-11 Application Block Diagram**

## PRODUCT DESCRIPTION

The GV7011-DP is a smart LED development kit designed to illustrate PLC (Ping/UDP/TCP) client/server throughput and IEEE 802.15.4 communications. In addition, Ethernet to PLC bridging can be illustrated upon request.

## TARGET APPLICATIONS

- LED Lighting Control for commercial buildings, streets, parking lots and factories
- Controlled LED lighting, signage and display
- Home/Building Energy Management System

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## GV7011-DP FEATURES

- 2 GV-Controller-S
  - Smart hub / light controller
  - ARM9 MCU with Linux OS
  - Ethernet 10/100
  - USB, SPI, and UART interface
  - TCP/UDP, IPv4, IPv6

## ORDERING CODE

Ordering Code	Description
GV7011-DP	GV7011 Development Kit
GV-Controller-S	Universal IoT Hub
GV7011	Hybrii-XL chip Powerline and IEEE802.15.4 wireless SoC