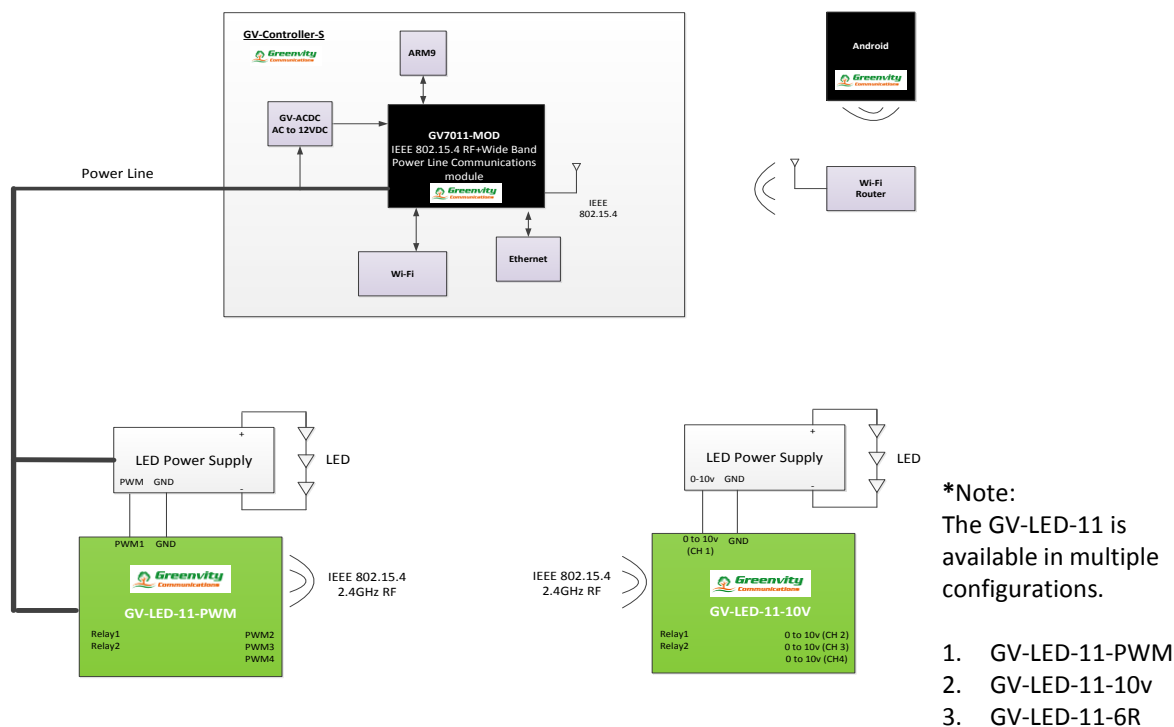


# Smart LED Development Kit (GV-LED-DP)

Greenvity's GV-LED-DP is a smart LED development kit featuring the GV-Controller-S and 2 GV-LED-11 modules, mobile apps and cloud.



**GV-LED-DP Block Diagram\***

## PRODUCT DESCRIPTION

The GV-LED-DP is a smart LED development kit designed to illustrate LED control through wireless and powerline communications. For convince and to speed development, Greenvity has developed a complete development kit which consist of a Universal IoT Hub (GV-Controller-S), LED modules (GV-LED-11) which are available in multiple configurations, mobile apps, cloud, and software API's.

## GV-LED-DP FEATURES

- GV-Controller-S
  1. Smart hub/light controller connected to a router or access point through a Wi-Fi or through Ethernet
  2. Features multi communications and multi-standard
  3. On-board GV7011 powerline and 802.15.4 wireless SoC
  4. Embedded ARM9 MCU with Linux OS
  5. Wi-Fi module
  6. Ethernet 10/100 communications
  7. Supports 1000 IoT devices
- GV-LED-11 modules (Qty: 2)
  1. Smart LED controller
  2. On-board GV7011 powerline and 802.15.4 wireless SoC
  3. Connects to LED drivers and lights
- Android and iOS mobile apps
- Cloud
- Documentation, manual, API and app notes

TARGET APPLICATIONS

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

ORDERING CODE

Ordering Code	Description
<b>GV-LED-DP</b>	<b>Smart LED development kit</b>
GV-LED-11-PWM	PLC + ZigBee Wireless with 4 PWM and 2 relay outputs
GV-LED-11-10v	PLC + ZigBee Wireless with 4 0 to 10v and 2 relay outputs
GV-LED-11-6R	PLC + ZigBee Wireless with 6 relay outputs
GV-Controller	Universal IoT Hub
GV-Sensor	All-in-One Sensor module
GV7011	Hybrii-XL chip Powerline and IEEE802.15.4 wireless SoC



Smart LED Lighting Control with Sensor Network

For more information, please contact Greenvity

Greenvity Communications

Phone: +1 408 935 9434  
Email: sales@greenvity.com  
www.greenvity.com  
673S. Milpitas Blvd., Suite 204, Milpitas, CA 95035

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