

# CEL MeshConnect™

## EM35x Ember Companion Kit

CEL's MeshConnect EM35x Ember Companion Kit is designed to work with the Ember development kits [EM35X-DEV and EM35X-DEV-IAR]. Each module in this CEL kit is soldered on a carrier board making it pin-for-pin compatible with the Ember development board.



The **Hardware** Contents of this kit are:

6 MeshConnect Mini Modules (ZICM357SPx-1x and ZICM3588SPx-1x). Each Module is mounted on a daughter card (soldered on a carrier board) ready to plug into the Ember EM35x development boards.

- (1) ZICM357SP0-1C on carrier board / EM357 IC, +8dBm output power with RF port for external antenna
- (1) ZICM357SP2-1 on carrier board / EM357 IC, +20dBm output power with PCB trace antenna
- (1) ZICM357SP2-1C on carrier board / EM357 IC, +20dBm output power with RF port for external antenna
- (1) ZICM3588SP0-1C on carrier board / EM3588 IC, +8dBm output power with RF port for external antenna
- (1) ZICM3588SP2-1 on carrier board / EM3588 IC, +20dBm output power with PCB trace antenna
- (1) ZICM3588SP2-1C on carrier board / EM3588 IC, +20dBm output power with RF port for external antenna

For more details on the specs of these Modules, please see MeshConnect EM35x Module datasheet.

The **Software** Contents of this kit are:

- None. No firmware/source code is programmed on the MeshConnect modules

Related **Documents**:

- [MeshConnect EM35x Mini Modules Datasheet](#)
- [Technical User Guide](#)

Additional information on the MeshConnect EM35x Modules is available at [www.cel.com/meshconnect](http://www.cel.com/meshconnect)

For more details on the Ember Development Kits, visit [www.silabs.com](http://www.silabs.com)

Ordering Information

Order Number	Description
ZICM-EM35X-DEV-KIT-3	MeshConnect EM35x Ember Companion Kit for Ember EM35x Dev Kits