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Part Number : TPWR001 - Powercast Energy Harvesting Development Kit for Wireless Sensors

The Lifetime Power Energy Harvesting Development Kit for Wireless Sensors enables the development of battery-free wireless sensor applications using RF energy as the power source and Microchips PIC with nanoWatt XLP Technology. Powercasts P2110 Powerharvester Receiver converts RF energy into DC micro-power, and provides a regulated output voltage to a wireless sensor node.

Contents of the kit include:

- 1 - 915 MHz Powercaster Transmitter (TX91501-03-ID)
- 2 - P2110 evaluation boards with two antennas and expansion connector (P2110-EVB)
- 2 - Wireless sensor modules preloaded with operating software
- 1 - Microchip XLP 16-bit Development Board (DM240311) with USB cable, pre-loaded with access point software
- 1 - Microchip MRF24J40MA PICtail Daughter Board (AC164134-1) - 802.15.4, 2.4 Ghz radio module
- 1 - Microchip PICkit 3 programmer with USB cable (PG164130)



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