



# CeraCharge

## Rechargeable Multilayer Ceramic Battery

**Series/Type:** BCT1812M101AG  
**Ordering code:** B73180A0101M062  
Date: 2020-04-09  
Version: 4

## Important Notes

Please observe that CeraCharge™ components must be used only under specified conditions:

- temperature between -20 to +80 °C
- relative humidity ≤ 60%

## Applications

- Internet of things, such as Beacons
- Power backup, such as real time clocks
- Energy storage for energy harvesting devices
- Sub battery for smoothing voltage and current
- Wearable devices

## Features

- Rechargeable, long life/cycling time for energy storage and supplying devices
- All-ceramic-structure, eliminating the risks of explosion, burning, and leakage of liquids
- SMT compatible chip, Pb-free reflow solderable
- RoHS compatible
- Li-based ceramic oxide electrolyte / electrode and copper charge collector
- Sputtered Cr/Ni/Ag terminal electrodes