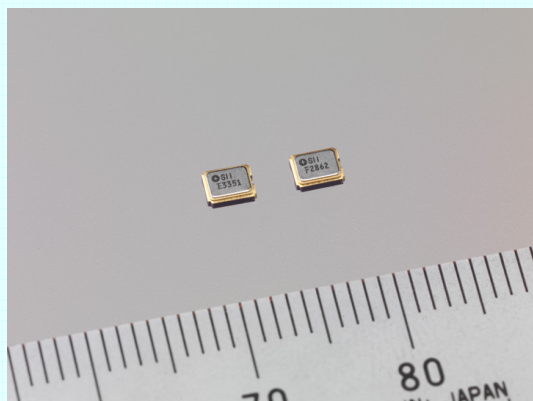


Low ESR, Low leak current Chip-type EDLC

CPX3225A752D



■ Features

◆ Large discharge current and super rapid charging achieved by low internal resistance

Reduced internal resistance to 25 ohms, one-third that of the conventional EDLCs, allows discharge current of up to several tens of mAs and rapid charging within a few seconds.

◆ Chargeable by slight power, thanks to low leak current

Reduced leak current to about 10 nA level, approximately one-tenth that of the conventional EDLCs, allows sufficient charging with several micro Watts from a slight energy harvesting power source.

■ Specifications

Part number	CPX3225A752D
Maximum use voltage	2.6V
Capacitance	7.5mF
Internal impedance (Typical)	25Ω
Size (L x W x H)	3.2 x 2.5 x 0.9mm
Weight	0.024g

■ Application Examples

1. Electric storage device for energy harvesting
2. Power source or Electric storage for Wireless Sensor Network, RFID tag, ..
3. Power source or Electric storage for Contactless IC card, multi-functional IC card
4. Instant back-up power source for memory
5. Smoothing peak current loads