## **Epson RX-8571LC Real Time Clock**

How2 Info Sheet

## **Epson RX-8571LC RTC Power Backup with EnerChip™ Battery**

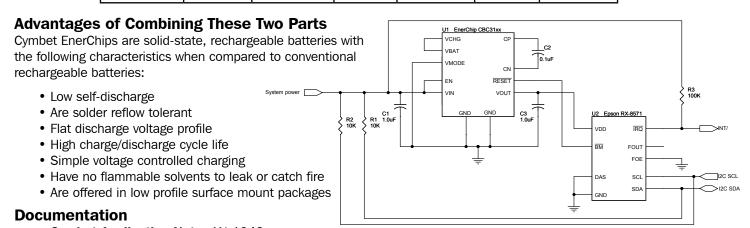


## **Applications**

EnerChips are the ideal RTC backup alternative to batteries or supercapacitors, especially when the finished product has limited PCB space, size constraints or needs to be sealed or installed in a hard-toreach location. They are also an excellent choice if you have any of these design requirements:

- · Battery must be RoHS and WEEE compliant
- · Product can be discarded without removing battery
- Product must have battery installed during shipping via air
- Battery must be rechargeable to support a lifetime of power outages
- Battery must provide backup power for several hours during a main power failure

RX-8571	<u>CBC3105</u>		<u>CBC3112</u>		<u>CBC3150</u>	
Iq (nA at 3V)	Back up time (hrs)	Package Size (mm x mm)	Back up time (hrs)	Package Size (mm x mm)	Back up time (hrs)	Package Size (mm x mm)
220	23	4 x 5	55	7 x 7	227	9 x 9



- Cymbet Application Note: AN-1042
- Cymbet Evaluation Kits: CBC-EVAL-05B, CBC-EVAL-06
- Data Sheets: Epson RX-8571LC, CBC3105, CBC3112, CBC3150
- All Cymbet Documents and Downloads: http://www.cymbet.com/products/datasheets-downloads.php

## **Evaluation Kits**

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