CR2032 Panasonic, CR2032 Datasheet

Panasonic

CR2032

Manufacturer Part Number	CR2032
Description	Battery, LITHIUM High Energy, 3 Volts, 230 mAh, Coin Cell
Manufacturer	Panasonic
Datasheet	1. CR2032.pdf (6 pages)

Add component to request

Specifications of CR2032

Brand/series	CR Series	**Capacity**	225 mAh
Chemical System	Lithium-Manganese Dioxide	**Dimensions**	3.2mmH×20mmDia.
Primary Type	Primary (Non-Rechargeable)	**Shelf Life**	10 yr.
Size	Coin/Button	**Temperature, Operating**	-30 to +60 °C
Temperature, Operating, Maximum	+60 °C	**Temperature, Operating, Minimum**	-30 °C
Termination	Pressure Contact	**Voltage, Battery**	3 V (Nom.)
Voltage, Rating	3 V	**Weight**	2.9 Grams
Lead Free Status / Rohs Status	RoHS Exempt Product Hazardous Materials		

Available stocks

Company	Part Number	Manufacturer	Quantity	Price
Bonase Electronics (HK) Co., Limited	CR2032	CHINA	4 000	
Bonase Electronics (HK) Co., Limited	CR2032	AbacusEl	55 389	
Bonase Electronics (HK) Co., Limited	CR2032		1 659	
Bonase Electronics (HK) Co., Limited	CR2032 3V	Panasonic	519	
Bonase Electronics (HK) Co., Limited	CR2032(SA)	FUJITSU	430	

1 2 3 4 5 6

Current page: 1 of 6

Download datasheet (659Kb)

Panasonic ideas for life

home | customer support | search

PRODUCTS

INDUSTRIAL SOLUTIONS

LITHIUM - Coin Type

Coin type lithium batteries are high energy, high reliability batteries for a variety of applications. The full 3 volts in these high energy density batteries is about twice that of conventional dry batteries.

Panasonic coin type lithium batteries are available in two types: poly-carbonmonofluoride lithium batteries (BR series) for uses that require extended reliability and safety, and manganese dioxide lithium batteries (CR series) for uses that require high voltage and strong load pulse characteristics.

The CR Lithium primary coin cells contain Perchlorate over the limit specified by the state legislature of California and are therefore subject to requirements in the California Code of Regulations, title 22, division 4.5: Chapter 33 – Best Management Practices for Perchlorate Materials.

Features:

- High voltage of 3 volts - twice that of conventional dry batteries
- Extremely small self-discharge for long service and shelf life
- A wide operational temperature range
- Compact and lightweight; extremely high energy density per unit weight
- Very safe (poly-carbonmonofluoride lithium)
- Extremely strong load pulse characteristics (manganese dioxide lithium)
- Operating temperature range:
  BR Coin Cells: -30ºC ~ +80ºC
  CR Coin Cells: -30ºC ~ +60ºC

ELCODIS.COM

1 2 3 4 5 6

Related parts for CR2032

Image	Part Number	Description	Manufacturer	Datasheet	Request
Panasonic	CR-2477-1HF	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 lbs.	Panasonic	(8 pages)	
Panasonic	CR-P2	Battery; Lithium; 1400 mAh; 6 V; 19.5 mm x 35 mm Dia. X 36 mm H; 37 g	Panasonic	(1 page)	
no image	CR-V3	Battery, Lithium, 3.0 v, 3000mAh, Pressure	Dantona Industries, Inc.		
Panasonic	CR1632	Battery; CR Lithium-Coin; 3 V; 120; 0.45 lbs.	Panasonic	(6 pages)	
Panasonic	CR2477-HFN	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 Lbs.	Panasonic	(5 pages)	
Panasonic	CR2477/BN	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 Lbs.	Panasonic	(5 pages)	
Panasonic	CR2016	Battery; Manganese Dioxide; 3 V (Nom.); 90 mA; -30 degC; degC; 10; 1.6 g	Panasonic	(5 pages)	
Panasonic	CR123A	Battery; Lithium; 1400 mAh; 3 V; 17 mm Dia. X 34.50 mm H; 17 g	Panasonic	(2 pages)	
Panasonic	CR2354	Battery, Lithium, 3v, 560ma, Coin cell	Panasonic	(6 pages)	
Panasonic	CR2025	Battery, Lithium, Coin Type, 3 Volt	Panasonic	(5 pages)	
Panasonic	MN6047		Panasonic	(2 pages)	
Panasonic	MN3671RE	Color CCD Linear Image Sensor with 1024 Pixels for R and B Colors/2048 Pixels for G Color	Panasonic	(6 pages)	
Panasonic	MN3610	2048-Bit CCD Linear Image Sensor	Panasonic	(8 pages)	
Panasonic	MN3615	2592-Bit CCD Linear Image Sensor	Panasonic	(8 pages)	
Panasonic	MN3644D	2048-Bit High-Responsivity CCD Linear Image Sensor with Internal Clock Driver	Panasonic	(7 pages)	

CR2032 Summary of contents

Page 1
... Coin type lithium batteries are high energy, high reliability batteries for a variety of applications. The full 3 volts in these high energy density batteries is about twice that of conventional dry batteries. Panasonic coin type lithium batteries are available in two types: poly-carbonmonofluoride lithium batteries (BR series) for uses that require extended reliability ...

Page 2
Applications: Calculators Cameras Compact, low power consuming cordless applications Electronic translators Electronic watches (digital and analog) Memory back-up in all types of devices (with tab terminals) Technical Data - Table 1 - (CF)n/Li: Poly-Carbon Monofluoride (BR) Electrical Characteristics Standard Load ...

Page 3
... CR1612 3 40 0.10 CR1616 3 55 0.10 CR1620 3 75 0.10 CR1632 3 140 0.10 CR2016 3 90 0.10 CR2025 3 165 0.20 CR2032 3 225 0.20 CR2330 3 265 0.20 CR2354 3 560 0.20 CR2412 3 100 0.20 CR2450 3 620 0.20 CR2477 3 1000 0.20 CR3032 3 500 0.20 * Nominal capacity shown is based on standard drain and cut off voltage down to 2.0V at 20º
...

Related keywords

CR2032 datasheet | CR2032 data sheet | CR2032 pdf datasheet | CR2032 component | CR2032 part | CR2032 distributor | CR2032 RoHS | CR2032 datasheet download

Copyright ©2010 - 2019 Elcodis Company Ltd. All Rights Reserved. Elcodis is a trademark of Elcodis Company Ltd. in the U.S. and/or other countries. All other trademarks are the property of their respective owners.