

RICERCARE COMPONENTI ELETTRONICI SUL WEB

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Alzi la mano chi non e' impazzito sul web per cercare un componente o Integrato strano o il suo datasheet, nel mare magnum di internet diventa Una impresa ardua, lo stesso GOOGLE anche se potentissimo con le Migliaia di pagine che ci propone che ci confondono e basta. Quante volte Magari troviamo con tanta fatica il datasheet ma o e' illeggibile o scaricabile SOLO a pagamento...tantissime , ma ora non piu !

Ecco ora un utile sito americano che sicuramente aiuterà tutti noi OM E in modo rapido, preciso e veloce !

Basta invece recarsi alla pagina principale del sito: www.digikey.com e in alto a Nel mezzo digitare che componente stiamo cercando, nel mio caso Stavo cercando un integrato per caricare le batterie a polimero di litio.

The image shows the Digi-Key Corporation website interface. At the top left is the Digi-Key logo. To the right, there are links for 'Login or Register | Why Register?' and 'United States | 1-800-344-4539' with a 'Change Country' link. A search bar contains the text 'battery charger' and a 'GO' button. Below the search bar, there are filter options: 'Filter Results By: In Stock Lead free RoHS compliant'. On the left side, there is a vertical navigation menu with links: 'ONLINE ORDERING', 'ORDER STATUS', 'PRODUCT INDEX', 'SUPPLIER INDEX', 'CATALOG', 'CONTACT US', 'SITE MAP', and 'ABOUT DIGI-KEY'. Below the menu are social media icons for YouTube, Facebook, Twitter, and LinkedIn. The main content area features a large banner with the text 'See the Latest PRODUCTS Added in the Last 90 Days!' and a 'CLICK HERE To Find Out What's New!' button. To the right of the banner are two sections: 'TECHZONES' with a list of solution areas (Lighting, Microcontroller, Power, Sensor, Wireless) and 'RESOURCES' with a list of tools and services (BOM Manager, Design Services, Digi-Key Toolbar, Interactive Catalog, PDF Catalog, Product Training Modules, PurchasingPro, Reference Design Library, TechXchange, TechZone Magazines, Videos). At the bottom, there is a 'PurchasingPro' logo and the text 'NEWS & ANALYSIS FOR ELECTRONICS BUYERS'.

Clicchiamo su **GO** e appare questa schermata:

Search Again

Records matching criteria: 3,001

Battery Products

- [Accessories \(3 items\)](#)
- [Battery Chargers \(52 items\)](#)
- [Cigarette Lighter Assemblies \(1 items\)](#)

Computers, Office - Components, Accessories

- [Accessories \(1 items\)](#)
- [Printers \(2 items\)](#)

Integrated Circuits (ICs)

- [Clock Timing - Real Time Clocks \(182 items\)](#)
- [PMIC - Battery Management \(2,529 items\)](#)
- [PMIC - Power Management - Specialized \(3 items\)](#)

Kits

- [Semiconductor - IC Assortment \(4 items\)](#)

Programmiers, Development Systems

- [Eval and Demo Boards and Kits \(199 items\)](#)
- [Eval Boards - LED Drivers \(1 items\)](#)
- [Obsolete/Discontinued Part Numbers \(6 items\)](#)

RF/IF and RFID

- [RF Evaluation and Development Kits, Boards \(1 items\)](#)
- [RFID Accessories \(1 items\)](#)

Test Equipment

Appariranno i vari integrati o componenti divisi in **CATEGORIE**, da lì si clicca sulla categoria da noi ricercata.

Quick Links View Order | Order Status | Contact Us | Site Map | Change Country

My Digi-Key Product Index Supplier Index Resources Need Help? USD

Part Search Part Number/Keyword **GO** Live Online Chat

Keywords: battery charger

In stock
 Lead free
 RoHS Compliant

Search Again

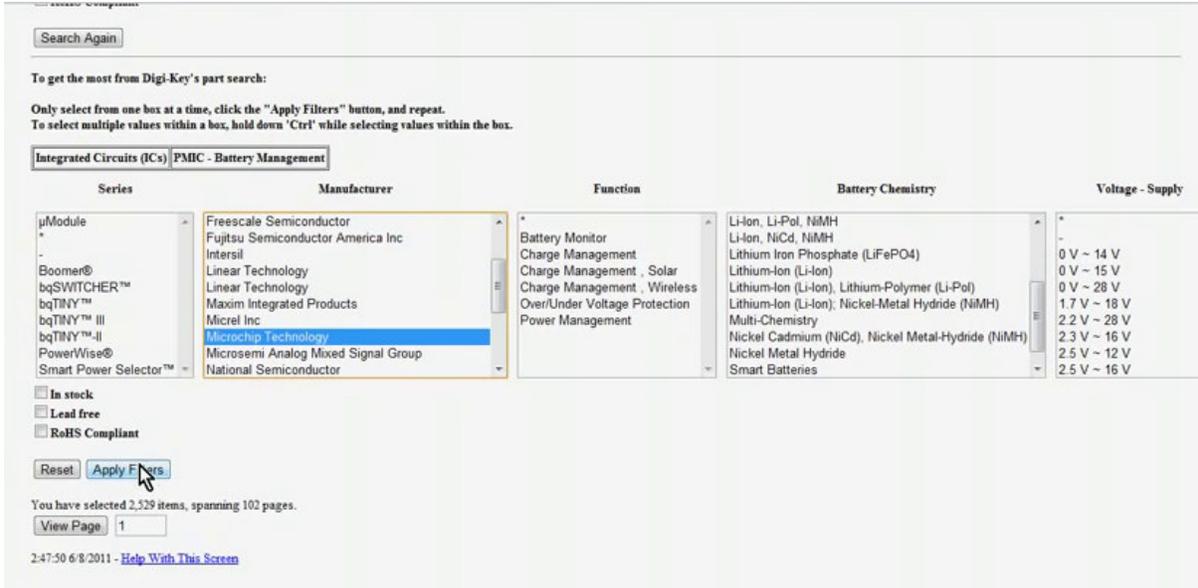
To get the most from Digi-Key's part search:
 Only select from one box at a time, click the "Apply Filters" button, and repeat.
 To select multiple values within a box, hold down "Ctrl" while selecting values within the box.

Integrated Circuits (ICs) **PMIC - Battery Management**

Series	Manufacturer	Function	Battery Chemistry	Voltage - Supply
µModule	Analog Devices Inc	Battery Monitor	All Battery Types	-
*	Atmel	Charge Management	Lead Acid	0 V ~ 14 V
-	Diodes Inc	Charge Management , Solar	Lead Acid, Li-Ion, NiCd, NiMH	0 V ~ 15 V
Boomer®	Epson Electronics America Inc-Semiconductor Div	Charge Management , Wireless	Lead Acid, LiFePO4, Li-Ion, Li-Pol	0 V ~ 28 V
bqSWITCHER™	Fairchild Semiconductor	Over/Under Voltage Protection	Lead Acid, LiFePO4, Li-Ion, Li-Pol, NiCd, NiMH	1.7 V ~ 18 V
bqTINY™	Freescale Semiconductor	Power Management	Li-Ion, Li-Pol, NiCd, NiMH	2.2 V ~ 28 V
bqTINY™ III	Fujitsu Semiconductor America Inc		Li-Ion, Li-Pol, NiMH	2.3 V ~ 16 V
bqTINY™ II	Intersil		Li-Ion, NiCd, NiMH	2.5 V ~ 12 V
PowerWise®	Linear Technology		Li-Ion, NiCd, NiMH	2.5 V ~ 16 V
Smart Power Selector™	Linear Technology		Lithium Iron Phosphate (LiFePO4)	2.5 V ~ 16 V

In stock

Ora la parte piu incredibile di questo favoloso sito, potremo selezionare nelle varie tendine, la serie il costruttore la funzione richiesta e tutti i vari **parametri elettrici** del componente.



Nel mio caso ho selezionato solo il **costruttore** e poi si clicca su **APPLY FILTER** per fare Apparire solo i componenti di quel costruttore (si possono fare scelte multiple !).

Click RoHS icon next to part number for RoHS Compliant Substitutes.
To see real-time pricing, click either the Digi-Key part number or unit price link.

Page 1/4 (Next) All prices are in US €

Image	Digi-Key Part Number	Manufacturer Part Number	Description	Series	Manufacturer	Function	Battery Chemistry	Voltage - Supply	Operating Temperature	Mounting Type	Package / Case	Supplier Device Package	Packaging	Quantity Available	Minimum Quantity	Unit Price
	MCP73812T-420L OTTR-ND	MCP73812T-420L OT	IC LI-ION/LI-POLY CTRLR SOT23-5	-	Microchip Technology	Charge Management	Lithium-Ion (Li-Ion), Lithium-Polymer (Li-Pol)	3.75 V ~ 6 V	-40°C ~ 85°C	Surface Mount	SC-74A, SOT-753	SOT-23-5	Tape & Reel (TR)	39,000 Note Alternate Packaging	3,000	0.41000
	MCP73812T-420L OTCT-ND	MCP73812T-420L OT	IC LI-ION/LI-POLY CTRLR SOT23-5	-	Microchip Technology	Charge Management	Lithium-Ion (Li-Ion), Lithium-Polymer (Li-Pol)	3.75 V ~ 6 V	-40°C ~ 85°C	Surface Mount	SC-74A, SOT-753	SOT-23-5	Cut Tape (CT)	41,667 Note Alternate Packaging	1	0.68000
	MCP73812T-420L OTDKR-ND	MCP73812T-420L OT	IC LI-ION/LI-POLY CTRLR SOT23-5	-	Microchip Technology	Charge Management	Lithium-Ion (Li-Ion), Lithium-Polymer (Li-Pol)	3.75 V ~ 6 V	-40°C ~ 85°C	Surface Mount	SC-74A, SOT-753	SOT-23-5	Digi-Reel®	41,667 Note Alternate Packaging	1	Calculat...
	MCP73831T-2DCI OTTR-ND	MCP73831T-2DCI OT	IC CONTROLLER LI-ION 4.2V SOT23-5	-	Microchip Technology	Charge Management	Lithium-Ion (Li-Ion), Lithium-Polymer (Li-Pol)	3.75 V ~ 6 V	-40°C ~ 85°C	Surface Mount	SC-74A, SOT-753	SOT-23-5	Tape & Reel (TR)	21,000 Note Alternate Packaging	3,000	0.42000

Ora appariranno **TUTTI i componenti** per quella specifica funzione da noi ricercata di quel (o quei) costruttori.

Cliccando a sinistra sul componente da noi scelto apparirà una scheda sintetica dello stesso.

Keywords:

In stock
 Lead free
 RoHS Compliant

All prices are in US dollars.	
Digi-Key Part Number	Price Break/Unit Price/Extended Price
MCP73831T-2DCI-OTTR-ND	3,000 0.42000 1,260.00
Quantity Available	21,000
Manufacturer	Microchip Technology
Manufacturer Part Number	MCP73831T-2DCI-OT
Description	IC CONTROLLER LI-ION 4.2V SOT23-5
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant

Quantity: Item Number: Customer Reference:

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

E cliccando in basso su **datasheet**, apparirà il pdf e nel **formato originale del produttore !**

MICROCHIP MCP73831/2

Miniature Single-Cell, Fully Integrated Li-Ion, Li-Polymer Charge Management Controllers

Features

- Linear Charge Management Controller:
 - Integrated Pass Transistor
 - Integrated Current Sense
 - Reverse Discharge Protection
- High Accuracy Preset Voltage Regulation: $\pm 0.75\%$
- Four Voltage Regulation Options:
 - 4.20V, 4.35V, 4.40V, 4.50V
- Programmable Charge Current: 15 mA to 500 mA
- Selectable Preconditioning:
 - 10%, 20%, 40%, or Disable
- Selectable End-of-Charge Control:
 - 50%, 75%, 100%, or 200%

Description:

The MCP73831/2 devices are highly advanced linear charge management controllers for use in space-limited, cost-sensitive applications. The MCP73831/2 are available in an 8-Lead, 2 mm x 3 mm DFN package or a 5-Lead, SOT-23 package. Along with their small physical size, the low number of external components required make the MCP73831/2 ideally suited for portable applications. For applications charging from a USB port, the MCP73831/2 adhere to all the specifications governing the USB power bus.

The MCP73831/2 employ a constant-current/constant-voltage charge algorithm with selectable preconditioning and charge termination. The constant voltage

Quindi con **pochi click** e senza perdere ore sul web per la ricerca, digitando i vari Parametri che ci servono, accederemo subito al datasheet **“ufficiale”** del produttore del Componente da noi cercato. Stupendo vero ?

Questo sito e' davvero una manna per tutti noi om hobbysti e sperimentatori. Buone
Ricerche a voi tutti, **73 de IW2BSF**.

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