

Image may be representation.
See specifications for product details.



STBC02AJR

Manufacturer Part Number	STBC02AJR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STBC02AJR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC BAT CHG LI-ION 1CL 30FLIPCHIP
Package	30-UFBGA, FCBGA
Data sheet	STBC02.pdf STBC02, STBC03 Flyer.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STBC02AJR - STMicroelectronics.New Original in Stock. Download Linear Technology STBC02AJR datasheet/specifications on AllelcoElec.com.
Request a quote for STBC02AJR, please send us email: info@allelco.com

Specifications

STBC02AJR Tech Specifications

STBC02AJR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Voltage - Supply (Max)	5.4V	Interface	-
Supplier Device Package	30-FlipChip (2.59x2.25)	Fault Protection	Over Current, Over Temperature, Over Voltage, Reverse Current, Short Circuit
Series	-	Current - Charging	Constant - Programmable
Programmable Features	Timer	Charge Current - Max	450mA
Package / Case	30-UFBGA, FCBGA	Battery Pack Voltage	4.2V
Package	Tape & Reel (TR)	Battery Chemistry	Lithium Ion/Polymer
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	STBC02
Number of Cells	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STBC02AJR

Product Attribute				
Part Number	STBC02AJR	STBC02JR	STBC15LJTR	STBC02BJR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Max)	5.4V	5.4V	6.5V	5.4V
Fault Protection	Over Current, Over Temperature, Over Voltage, Reverse Current, Short Circuit	Over Current, Over Temperature, Over Voltage, Reverse Current, Short Circuit	Reverse Current	Over Current, Over Temperature, Over Voltage, Reverse Current, Short Circuit
Charge Current - Max	450mA	450mA	40mA	450mA
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	30-UFBGA, FCBGA	30-UFBGA, FCBGA	12-XFBGA, FCBGA	30-UFBGA, FCBGA
Battery Pack Voltage	4.2V	4.2V	4.4V	4.2V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Cells	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Charging	Constant - Programmable	Constant - Programmable	Constant - Programmable	Constant - Programmable
Battery Chemistry	Lithium Ion/Polymer	Lithium Ion/Polymer	Lithium Ion	Lithium Ion/Polymer
Supplier Device Package	30-FlipChip (2.59x2.25)	30-FlipChip (2.59x2.25)	12-Flip-Chip (1.11x1.41)	30-FlipChip (2.59x2.25)
Interface	-	-	USB	-
Series	-	-	-	-
Programmable Features	Timer	Timer	Current, Voltage	Timer
Base Product Number	STBC02	STBC02	STBC15	STBC02

STBC02AJR Datasheet PDF

Download STBC02AJR pdf datasheets and STMicroelectronics documentation for STBC02AJR - STMicroelectronics.

PCN Assembly/Origin

STBC02/STBC03 14/Oct/2021.pdf

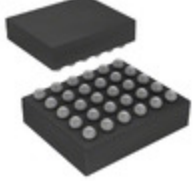




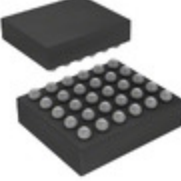


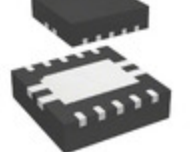








HTML Datasheet

STBC02.pdf

STBC02, STBC03 Flyer.pdf

Customers Also Interested in

Recommended Products

 STBC02JR STMicroelectronics IC BAT CHG LI-ION 1CL 30FLIPCHIP	 STB9NK70ZT4 MOS STMicroelectronics	 STBC15LJTR STMicroelectronics IC BAT CHG LI-ION 1CL 12FLIPCHIP	 STBB3JCCR STMicroelectronics IC REG BCK BST ADJ 2A 20FLIPCHIP	 STBD2010N48E-TA3 SIGMATEL	 STBC02BJR STMicroelectronics IC BAT CHG LI-ION 1CL 30FLIPCHIP
 STBD2010N48-TA3 SIGMATEL	 STBB2J30-R STMicroelectronics IC REG BCK BST PROG 20FLIPCHIP	 STBB1PUR STMicroelectronics IC REG BCK BST ADJ 1.6A 10DFN	 STBB3NJR STMicroelectronics IC REG BCK	 STBC08PMR STMicroelectronics IC BATT CHG LI-ION 1CELL 6DFN	 STBB3JR STMicroelectronics IC REG BCK BST ADJ 2A 20FLIPCHIP
 STBB1-APUR STMicroelectronics IC REG BCK BST ADJ 1.6A 10DFN	 STB9NK90Z STMicroelectronics MOSFET N-CH 900V 8A D2PAK	 STBC08SPMR STMicroelectronics	 STBCFG01JR STMicroelectronics IC BATT CHG LI-ION 1CELL 25FLIP	 STBB2J30 STMicroelectronics	 STBB2J29 STMicroelectronics

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.




Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



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