

conga-SBM² – Battery Management for XTX™

SMART Battery Manager Module

conga-SBM² is a complete **battery manager sub-system** in the form of a plug-in module.

Size 68 mm x 95 mm x 12.5 mm

Support 2S1P up to 4S3P, parallel or sequential battery operation

S3 support (Suspend to RAM)

LEDs provide a direct view of charging and battery capacity status

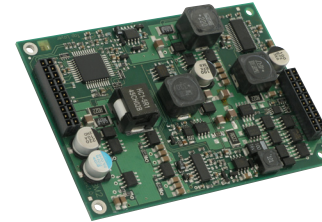
Input voltage of 19V DC, max. 4.5A with input power delimitation

Output 5V, 7A and 12V, 2A

Battery charging max. 17V, max. 3A

Power Modes

S1: Sleep Mode, S3: Suspend to RAM, S5: Soft Off, G3: Mechanical Off



conga-SBM²-Kit

This **battery manager kit** can be operated in conjunction with the congatec XTX™ starter kit. When used together they provide a fast and simple way of evaluating all the functionalities and configurations offered by the XTX™ and SBM² modules.

Contents:

SMART Battery Manager Module conga-SBM²

SMART Battery

Complete set of cables required for testing in conjunction with the conga-XEVAL evaluation carrier board



Order Information

Article	PN	Description
conga-SBM ² -module	088774	SMART Battery Manager Module for XTX™
conga-SBM ² -2nd accu	096582	Second battery only for the conga-SBM ² Kit
conga-SBM ² -Kit	026571	Starterkit to evaluate SBM-Features. With SMART-Battery Manager Module and cable set
conga-SBM ² Licence and Design Kit	052741	SMART Battery Manager Module Design Kit including licence agreement for customer integration, Hardware design files (schematics, Bill of Material), Battery Manager Firmware (incl. commented source code), AVR-Programming Tool AT90 JTAG



congatec

the rhythm of embedded computing

Headquarter:

congatec AG

Auwiesenstraße 5
94469 Deggendorf,
Germany

Phone +49 (991) 2700-0
Fax +49 (991) 2700-111

info@congatec.com
www.congatec.com

Subsidiaries:

congatec AG Asia Pacific

11F-2, 341, Sec 4,
Zhong Xiao E. Rd.
106 Taipei City, Taiwan

Phone +886 2 2775 4645
Fax +886 2 2775 3263

sales-asia@congatec.com
www.congatec.tw

congatec, Inc.

2187 Newcastle Ave, Suite 201
Cardiff by the Sea,
CA 92007 USA

Phone +1 760-635-2600
Fax +1 760-635-2601

sales-us@congatec.com
www.congatec.us

congatec s.r.o.

Brojova 16
PS 326 00 Plzeň
Czech Republic

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www.congatec.com

Vendite e supporto tecnico Italia

Contradata Milano S.r.l.
Via Solferino 12
20052 Monza (MB) Italy
Tel. (+39) 039.2301492
Fax (+39) 039.2301489
info@contradata.it
www.contradata.it



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- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.