EFL700PMB

EnFilm™ micro battery EFL700A39 power management board

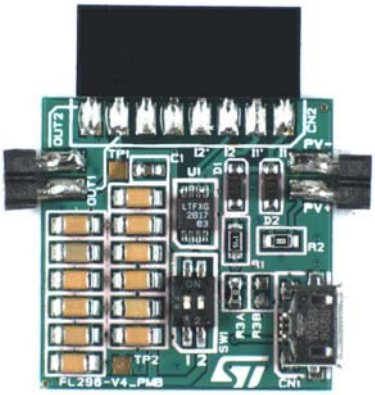
Data brief



PMB top view



PMB bottom view



Features

- Manages the charge and voltage regulation of the EFL700A39
- Protects battery against deep discharge
- Allows battery recharging by external energy harvesting source or USB port
- Includes a super-capacitor to sustain high pulsed discharge current

Description

The EFL700PMB is a kit which contains a power management board (PMB).

This PMB includes an EFL700A39 micro battery with a complete set of power management functions, intended to be directly connected to the application for fast and easy evaluation of the EFL700A39.

Table 1. Device summary

Parameter	Value
Dimensions	38.5 x 36.0 mm
Thickness	6.9 mm

TM: EnFilm is a trademark of STMicroelectronics

For further information contact your local STMicroelectronics sales office. www.st.com

1 References

For a functional description and guidelines on the use of the EFL700A39, please refer to the following publications:

- User manual UM1806: “EFL700A39 evaluation board kits and design-in board user guide“.
- Datasheet: EFL700A39: “EnFilm™ - rechargeable solid state lithium thin film battery”.

These documents are available at: www.st.com.

2 Ordering information

Table 2. Ordering information

Order code	Marking	Weight	Base qty	Delivery mode
EFL700PMB	EFL700PMB	8 g	1	Blister pack

3 Revision history

Table 3. Document revision history

Date	Revision	Changes
16-Jan-2015	1	Initial release.
20-Apr-2016	2	Updated cover image.

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