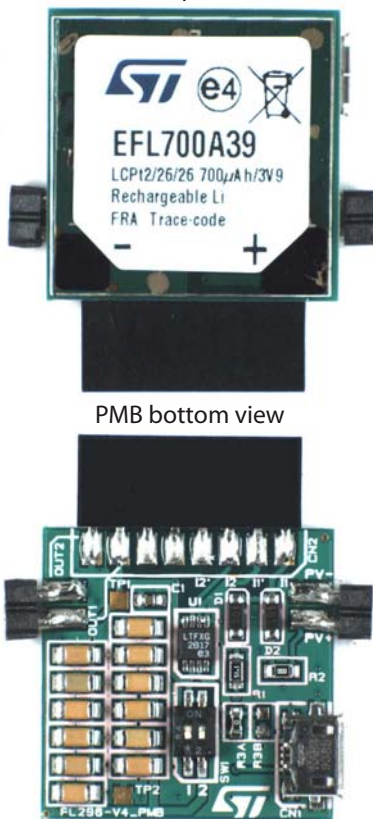


## EnFilm™ micro battery EFL700A39 power management board

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

# 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](http://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.

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved