



## EnFilm™ micro battery EFL700A39 power management board

**Data brief** 



#### **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

References EFL700PMB

## 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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