## Very Close to Perfect Solutions Against Power Attacks

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#### DATA SHEET SANYO Amorphous Solar Cell

## Amorton

## AM-8801

Package Dimensions (unit : mm)



#### ORBEOS<sup>™</sup> for OLED Lighting Lead (Pb) Free Product - RoHS Compliant

CDW-031

#### Vorläufige Daten / Preliminary Data

#### **Besondere Merkmale**

- Format: Lichtkachel
- Besonderheit des Bauteils: blendfreie homogene Flächen-Lichtquelle, außergewöhnlich dünn (2.1 mm), schnelle Schaltzeiten, hohe Lichtqualität, sehr gute Farbwiedergabe, enthält kein Quecksilber
- Farbe: warm weiß
- Emissionsfläche: ø79.00 mm
- Aussenabmessung: siehe Maßzeichnung

#### Features

- format: lighting tile
- feature of the device: non glaring uniform area light source, exceptionally thin (2.1 mm), instant on/off, high quality of light, very good colour rendering, mercury-free
- color: warm white
- light output area: ø79.00 mm
- glass size: refer to product drawing
- interconnect: 4 contact ledges

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<sup>Vorläufige</sup> Daten / Preliminary Data

<sup>Besondere</sup> Merkmale

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Features

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• = to the smart card reader



## Issue!



# Solution















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the Marine



### (Conceptual) Advantage

- Whatever is used is converted to heat.
- Whatever isn't is converted to heat.
- The device's power consumption is flat.

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## (Non conceptual) Limitations

- Excessive heat dissipation
- Solves power attacks not EMA
- Power consumption is multiplied by 8.
- In theory wires might act as antennae and conduct a negligible EMA residue ⇒ "very close to perfect"

Come and see the demo by Amir!