

SW6888

Fingerprint Evaluation Kit

Fingerprint EVK Contents

- Reference Schematics
- PCB reference layout
- Demo software and user manual

Specifications

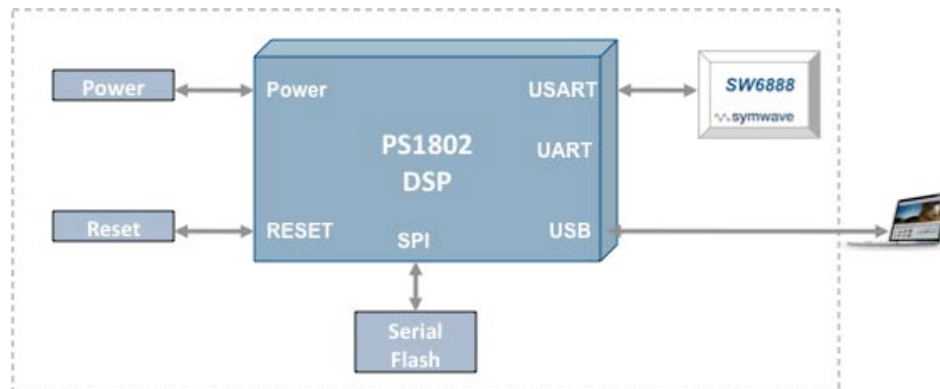
Interface to PC	USB1.1 or UART
Registered fingers	<= 120 (for 1Mbit flash)
Dimension	83mmx53mm
Image Format	256 gray level
Searching time per finger	<1s
ESD	>15KV
Operating System	Windows 2000 & XP
Language	Chinese, English
FAR	<0.0001%
FRR	<0.01%

The SW6888 Evaluation Kit provides a reference design for embedded fingerprint solutions. It consists of the Symwave BioPrint SW68888 swipe sensor IC and Synochip DSP PS1802 controller.

The Evaluation Kit is a highly integrated fingerprint identification solution for embedded applications, like secure door locks, access control keypads, time and attendance devices, security safes, gun boxes, etc.

EVK Capabilities:

- Fingerprint image capture.
- Fingerprint enrollment.
- Fingerprint match (1:1 and 1:N).
- Fingerprint image processing display.



SW6888 EVK Block Diagram

Ordering Information

- Evaluation Kits may be ordered directly from Synochip – please contact [izzie Cheung, zhangyj@synochip.com.cn](mailto:izzie.cheung@synochip.com.cn)