

FIM60

Live Finger Detection & Strong Durable Optical Sensor



Features



All-in-one Sensor
- Integrates fingerprint sensor and module



Application with Fingerprint Terminal
- Provides Evaluation Kit and Supports application development



Patented Live & Fake Finger Detection
- Optical sensor and algorithm detect fake fingers (Paper, Film, Silicone, Rubber and Gelatin)



Highly Durable Optical Sensor

Specification

Board Spec.	CPU	ATSAMA5D31A(Cortex-A5 528MHz)	Communication Channel	2 UART (RS-232 Level, TTL) Speed : 9600 ~ 115200 [bps] (1 Star bit, 8data bit, no Parity, 1 Stop bit)	
	Memory	DDR2 128Mbyte / Flash (8M)		External I/O	8 Programmable GPIOs
	Dimension	40 x 45mm			Maximum Template Storage
Operating Voltage	3.3 / 5V		Maximum Log Storage	UP to 30,705 Logs	
Consumption Current	105 ~ 130mA		Sensor Name	OPP06	
Humidity	~ 90% RH		Sensing Type	Optical	
Operating Temperature	-20 ~ 60°C		Sensing Area	13.2mm x 15.2mm	
Authentication Time	1:1	< 700 Sec	Image Resolution	500 DPI	
	1:N	< 1Sec (10,000 Templates)	Image Size	248 X 292 Pixels	
Performance	FRR 0.1% / FAR 0.001%				

