



SST01

Fingerprint Identification Factsheet

Black + Rose gold



SST01 Fingerprint Identification Black + Rose gold

Operating Conditions of Module

- ✓ Operating temperature : -20°C~70°C
- ✓ Humidity : 5% ~ 95%
- ✓ Atmospheric pressure : 86 kPa ~ 106kPa

Electro-optical Characteristics

Item	Description	Min	Typical	Max	Unit
Chip voltage	AVDD	2.6	3.0	3.6	V
Module voltage	AVDD	-	3.0	-	V
Working current	Sleep	-	60	-	uA
Working current	Image Capture	-	60	160	mA
Clock frequency	SPI CLK	-	5	8	MHz

Basic Specifications of Module

Item	Typical Value
Sensor IC	Supplier : Goodix PN: GF5288B+GF
Identification principle	Capacitive sensing
ID exposed size	TBD
Graphics output primitive	88*108 Pixel
dpi	500
Identification area	4.47x
Data interface	SPI
Interrupt wake-up function	Yes
FAR/FRR	FRR<3% , FAR Target 1/50,000
ESD	IEC6, Level 4, Contact discharge 8KV air discharge 15KV
Exterior color	Black
Metal ring	Rose gold

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2D Diagram of Structure and Critical Dimension Requirements

