

FAP50 Fingerprint Sensor

[MFC-1600 DESCRIPTION]

Remarkable MFC-1600 FAP50 Fingerprint Sensor! MFC-1600 with incredible features, such as, large size makes more secure, low power consumption, UV resistance, hard surface for scratch protection, excellent ESD performance, not affected neither by strong light, or residual fingerprints, nor by dry/wet finger.

Additionally, the transparent visual effects feature can be applied to many areas. Whether you want to display the light effect below the sensor, display the text on the screen to interact with the user, or even display the logo and advertisement, you can easily use this effect.



[FEATURES]

- 1600x1000 Pixels
- 500 dpi Resolution
- Small Package Size
- High ESD Tolerance
- RoHS Compliant
- Low-Halogen
- Low Power Consumption
- HS USB2.0 / DCMI
- 200 cycle RCA
- 7H Pencil Hardness
- 5B Cross Cut
- PIV Certification

[SPECIFICATIONS]

Item	Value
Sensing Area	81.28mm x 50.8mm
Module Size	105mm x 75mm x 8.3mm
Supply voltage = 3.3V With 10% Variations	3.0V ~ 3.6V
Module Total Supply Current	250 mA
Module Standby Current	TBD mA
Module Sleep Current	TBD uA
Operating temperature	-20 °C to +70 °C
Storage Temperature:	-40 °C to +85 °C
ESD Tolerance	±15kV
FPS	flats: 10+ / rolls: 16+