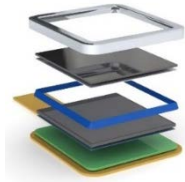


# FPC1200 Series Touch Fingerprint Sensor

## Product Sheet

- Sensor mounted under glass or ceramic
- Extended industrial design possibilities
- Seamless integration with design aesthetics
- Smoother look-and-feel
- Robust coating capable of more than 10 million finger placements
- Ultra-low power consumption
- FPC OneTouch® wake-up functionality
- Square or rectangular outline
- Range of colour options available
- Recommended for front or side mounting



## General description

The FPC touch fingerprint sensors in the FPC1200 series are designed exclusively to be mounted under a layer of glass or ceramics. The FPC1200 series of touch fingerprint sensors further integrates FPC OneTouch® sensors in the industrial design process, allowing for the latest design trends to be realized while maintaining industry-leading levels of biometric performance and security.

Recommended host system spec for Android integration:

- Android version: 5.0, support for future Android versions will be added continuously
- CPU: Cortex A15 or equivalent @2.3GHz with floating-point and NEON extensions enabled
- CPU (minimum): CortexA7 or equivalent @ 1.3GHz with floating-point extensions enabled
- RAM: 8MB during enroll and fingerprint verification

## Quick reference data – Touch Fingerprint Sensor FPC1200 Series

PARAMETER	DESCRIPTION	VALUE	UNIT
Interface	SPI	4	pin
Supply voltage	VDD voltage, typical	1.8	V
Supply current	Image capture, typical	5	mA
Supply current Sleep Mode	Typical (with finger detection)	2	µA
ESD protection	IEC61000-4-2, level X, air discharge	±30	kV
Wear-and-tear	No of finger placements at 0.6N	>10 million	times
Operating temperature		-40 to +85	°C

## Contact info

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