MFC-1208

208*288 capacitive fingerprint sensor

Embed the MFC-1208 compact capacitive-contact fingerprint image sensor in your product for advanced fingerprint acquisition and verification. 508 DPI resolutions delivers superior image quality for highly accurate readings and a 0.07 second read out time enable quick verification.

The built-in analog and digital circuitry minimizes the number of external components, and provides an easy-to-use, standard SPI interface to microprocessors. Finger detection function can detect finger automatically and wake up microprocessors by hardware interrupt pin.

Windowing function can crop smaller fingerprint image to improve the image read frame rate or other applications.

FEATURES	· Spatial resolution 508 DPI · 208 x 288 pixel 2D sensor array · Sensing area 10.4 mm x 14.4 mm · 20.4mm x 33.4mm package size · IP67 dust and water resistant · Built-in 8-bit ADC for digitizing image · Built-in programmable voltage reference · High speed SPI interface · 0.07 sec read out time · 128-byte on-chip data FIFO · 2.6Volt ~ 3.6 Volt for I/O communication · Windowing function to crop smaller image · Finger detection function to detect finger on sensor · Interrupt pin to wake up host when finger on sensor
APPLICATIONS	· Security device · Time and Attendance Control System · Computer peripheral
ORDERING INFORMATION	· MFC-1208 208*288 capacitive fingerprint sensor