

- **ROHS Compliant** – “lead (Pb) free” component
- 低成本設計,單一晶片即可解讀 單、双或三軌讀卡訊號.
- 精巧設計-4 mm x 5mm 14 pin MLFTM (QFN) surface mount package
- 結構簡單 **No external components**
- 僅 4 signals, **VDD, VSS, DATA, STROBE**
- **Data buffer with Shift-Out**
能將所有 card data 暫存在 ASIC 中. 只要用 low-cost 的 controller 即可處理, 不須用到 interrupts, limited memory, low-speed, low pin-count, 等方式.

- **Card-Present Feature** – indicates when an encoded card is being swiped
- **超強解讀能力 High performance decoding** 能處理錄磁訊號較差的卡片
- **智慧型解碼控制 AGC (Automatic Gain Control)** reads cards from **30% ~ 200%** of ISO 7811 amplitude standard
- 開發更容易 **Simplified firmware**
- Shift-Out format makes it easier to write controller code
- **Robust re-synchronization capabilities** – reads cards with badly damaged leading or synchronization zero-bits in either swipe direction
- **高抗干擾 High noise immunity** -配合適切的 PCB layout,此 ASIC 能抗來至個人電腦 PC monitors, 行動電話 cell phones, 電源供應器 switching power supplies,等干擾.

We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

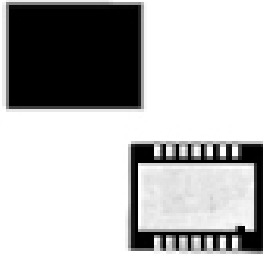
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規格:

● 電壓 (Voltage):

3VOLT: 2.7 Vdc – 3.3 Vdc

3&5VOLT: 2.8 Vdc – 5.5 Vdc

● 電流 (Current):

Operating:

Less than 3 mA maximum total current at 3.3V (for up to 3 tracks) while card is being swiped

Sleeping:

Less than 75 μ A maximum total current when no card is being swiped 1mA

● 速度範圍 (Speed Range):

2 - 100 in (2 - 254 cm)

For the standard 75 to 210 bits per inch (bpi) data density

● 操作環境: -40°C ~75° C

CONFIGURATIONS:

P/N 21006536 ASIC, Triple Track, F/2F Decode, 3&5V, MLF14, **Tube (75)**

P/N 21006537 ASIC, Triple Track, F/2F Decode, 3&5V, MLF14, **Tape and Reel (4000)**

P/N 21006529 ASIC, Triple Track, F/2F Decode, 3&5V, MLF14, **ROHS Complaint Tube (75)**

P/N 21006539 ASIC, Triple Track, F/2F Decode, 3&5V, MLF14, **ROHS Compliant Tape and Reel (4000)**

P/N 21006540 ASIC, Triple Track, F/2F Decode, **3V**, MLF14, **ROHS Complaint Tube (75)**

P/N 21006541 ASIC, Triple Track, F/2F Decode, **3V**, MLF14, **ROHS Compliant Tape and Reel (4000)**

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