

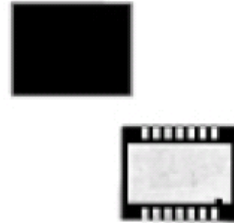
## 3-Track F/2F Decode ASIC IC

### 简介

- ROHS Compliant - "lead (Pb) free" component
- 低成本设计, 单一芯片即可解读 单、双或三轨读卡讯号
- 精巧设计 4mm X 5mm 14 pin MLFTM(QFN)SMT surface mount package.
- 结构简单无需外接零件
- 接口简单只有 2 个 I/O 仅 DATA、STROBE、V+ & GND.
- 只要用 low-cost 的 controller 即可处理, 不须用到 interrupts, ASIC 内含资料缓存功能, 方便时再串行读取

### 特色

- Card-Present Feature - indicates when an encoded card is being swiped.
- 超强解读能力 High performance decoding 能 补正磁讯号较差的卡片, 及已磨损磁头
- 自动增益调整 AGC (Automatic Gain Control) reads cards from 30%~ 200% of ISO 7811 amplitude standard.
- 开发更容易 Simplified firmware (可以提供完善磁卡相关技术培训, 及源代码)
- 超级**低功耗**适合各式各样低功耗应用环境
- 搭配 magtek 各式各样 oem 磁头, 性能更佳
- 新版 ASIC **21006541** 新模式含增加内部存储器及快速读取、复位... 等新功能
- 抗干扰能力强, 能抵抗来自 PC 显示器、手机信号、开关电源等的干扰



### 规格:

- 电压 Voltage
  - 3VOLT: 2.7 Vdc - 3.6 Vdc (**P/N 21006541**)
  - 3&5VOLT: 2.8 Vdc - 5.5 Vdc (**P/N 21006539**)
- 电流 Current
  - Operating
    - Less than **1 mA** maximum total current at 3.3V (for up to 3 tracks) while card is being swiped Armed to read
    - Less than 120µA maximum total current when no card is being swiped ,and device is armed to read.
    - Off state less than 10µA when device is held in the OFF state,and less then **20µA** in the shift-out or data extraction state.
- 速度范围 Speed Range
  - 2 - 100 in (5-254cm)
  - For the standard 75 to 210 bits per inch (bpi) data density.
- 操作环境 -40° C - 85° C

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