MOSFET for PDAs

WIRELESS
-CELLULAR
-802.11a/b/g
-BLUETOOTH
-GPS

SMART CARD

USB AND AC ADAPTER CHARGER

LED BACKLIGHTING AND LCD BIAS

AUDIO AMPLIFIERS

POWER MANAGEMENT
-MAIN
-CORE
-MEMORY

BATTERY MANAGEMENT
-CHARGERS
-FUEL GAUGES

MICROPROCESSOR SUPPORT
-I/O EXPANDERS
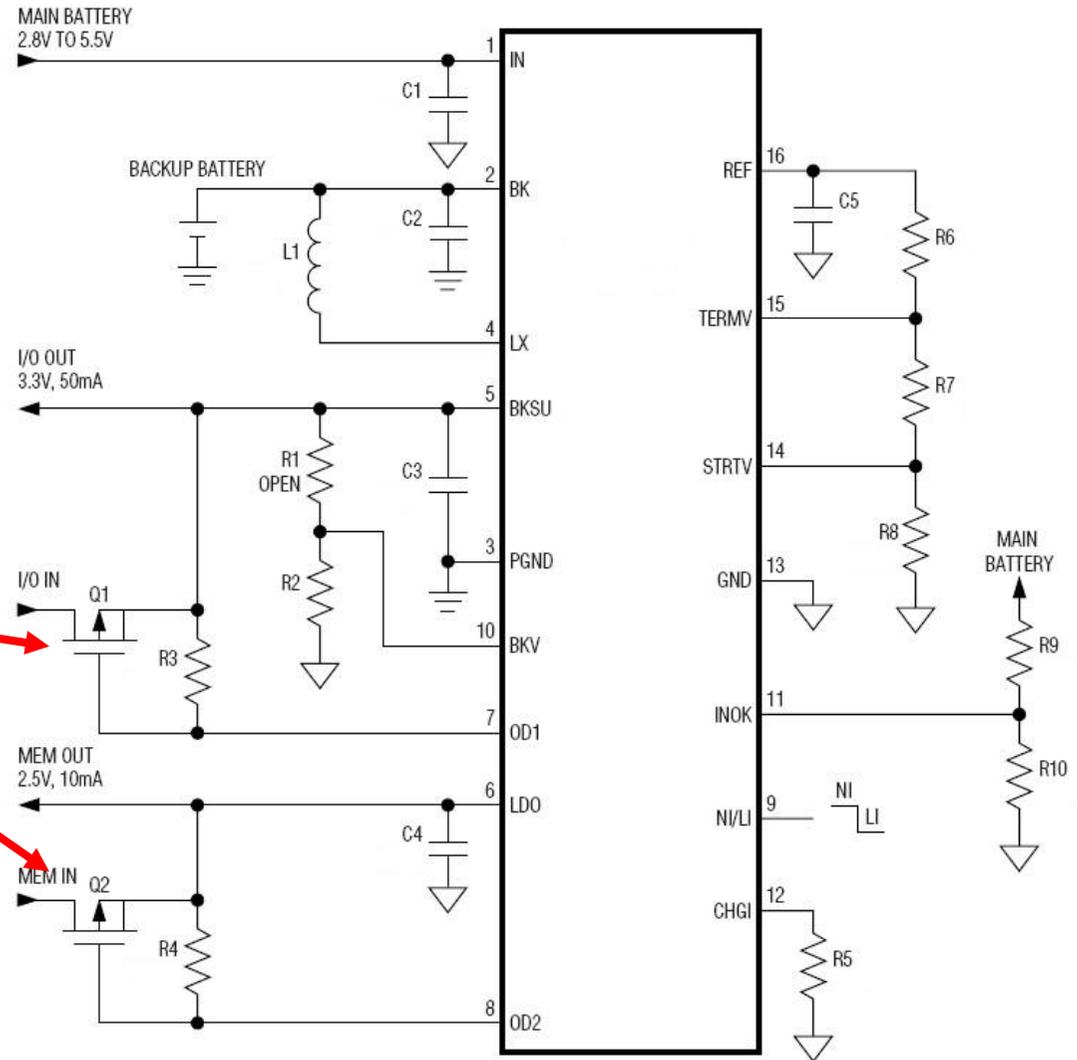
威薩半導體 有限 公司
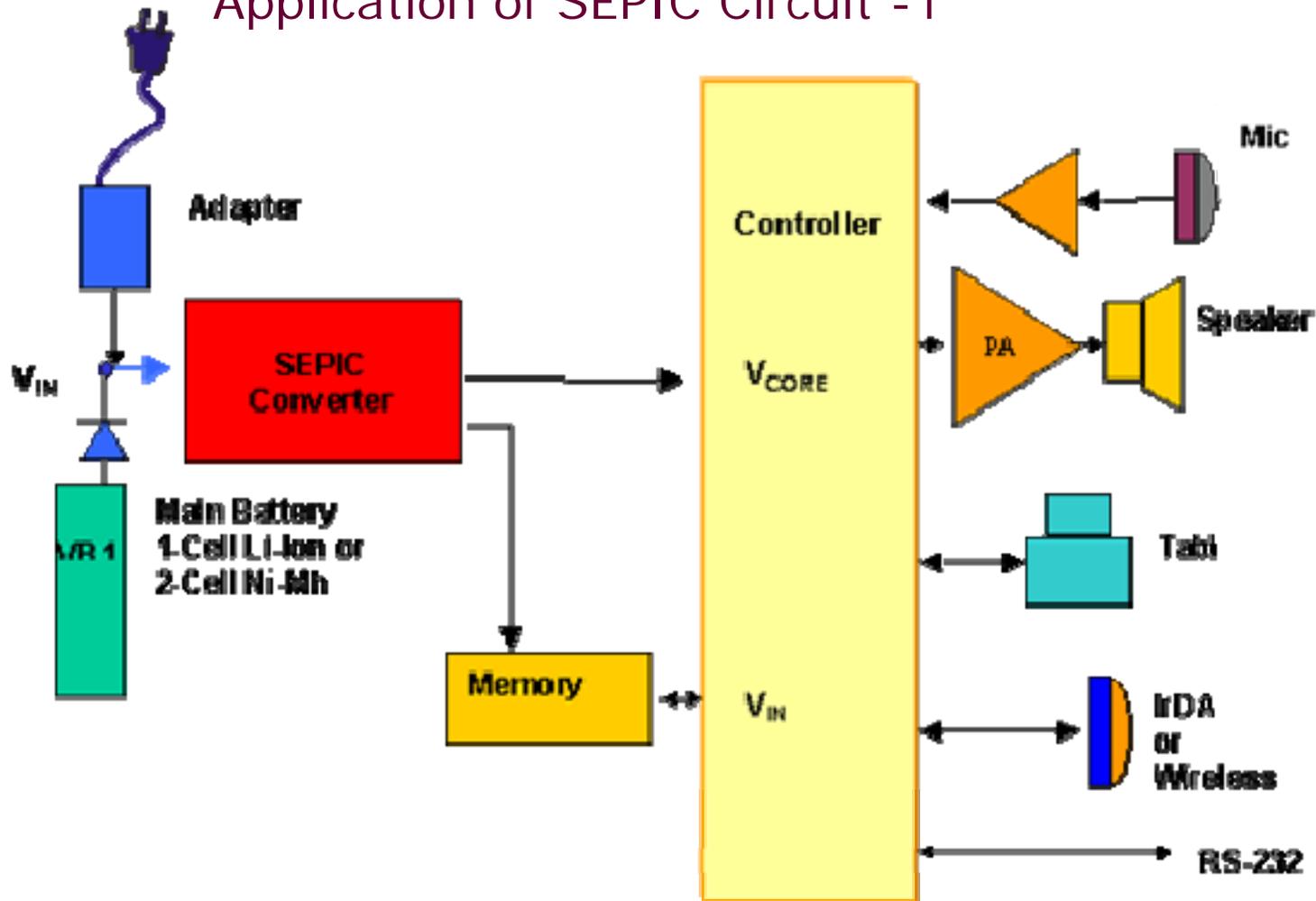VISA SEMICONDUCTOR LIMITED

PDA-Power Management Total Solution

- **Battery Management – Chargers(電池管理 - 充電器)**
- **Battery Management - Fuel Gauges**
  (電池管理 - 電量計)
- **GPIO**
- **Headphone Amplifier(耳機放大器)**
- **LED Backlighting and LCD Bias (LED背光和LCD偏置)**
- **Microphone Amplifier(麥克風放大器)**
- **Microprocessor Support - I/O Expanders**
  (微處理器支援 - I/O擴充器)
- **Power Management – Core(核心電源管理 – Core)**
- **Power Management - Main (主電源管理 – Main)**
- **Power Management - Memory**
  (記憶體電源管理 – Memory)
- **Smart Card**
- **Speaker Amplifier(揚聲器放大器)**
- **USB and AC Adapter / Charger**

完備的備份電源管理IC
（鋰電池和NiMH電池）

VS2301
VS2321
VS2303
VS2305
VS2313
VS2309

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The Power Management of PDA —
Application of SEPIC Circuit -1

PDA power distribution Operation Principle

The Power Management of PDA

VS2302
VS2308
VS2312
VS2310
VS2314
VS2316
VS2304
VS2324