

## 國泰證券第二季 大中華高峰論壇





### 免責聲明

- This presentation contains forward-looking statements concerning, among other things, our financial condition, future expansion plans and business strategies. All statements other than statements of historical fact are, or may be deemed to be, forward-looking statements. These forward-looking statements are inherently subject to significant risks, uncertainties and assumptions about us and based on our current expectations and projections about future events.
- We undertake no obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise. In light of these risks, uncertainties and assumptions, the forward-looking events discussed in this conference might not occur and our actual results could differ materially from those anticipated in these forward-looking statements.
- The information contained herein shall also not constitute an offer to sell or a solicitation of an offer to buy the company's securities nor shall there be any sale of such securities in any state or country in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or country.
- Except for the numbers and information included in the our financial statements, the information contained in this presentation has not been audited nor reviewed by any accountant or independent expert. We make no express nor imply representations nor warranties as to the fairness, accuracy, completeness, or correctness of such information or opinions. This document is provided as of the date herein and will not be updated to reflect any changes hereafter. We and our representatives do not accept any responsibility or liability for any damage caused by their negligence or any other reasons, nor do they accept responsibility or liability for any losses or damages arising from the use of this presentation or the information contained herein or anything related to this document.





### 目錄

- 公司簡介
  - 商業模式: 專注於利基型記憶體的隱型冠軍
  - 均衡的產品組合
- 成長中的應用
  - 汽車及工業電子
  - 其他領域
- 財務資訊回顧
  - 營收及毛利率
  - 資本支出





#### 公司簡介 -

商業模式: 專注於利基型記憶體的隱型冠軍

#### 隱型冠軍的企業特質是?



在具成長潛力的利基市場中取得領 導地位



貼近客戶,充分理解及滿足客戶需 求



持續精進與創新的技術能力



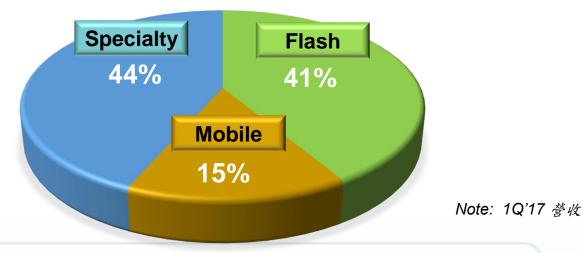
國際化的企業組織







#### 公司簡介 - 均衡的產品組合





SDRAM DDR/DDR2 DDR3 KGD



Serial NOR SLC NAND Serial NAND KGD



LP SDRAM LP DDR/DDR2 LP DDR3 Pseudo SDRAM KGD





### 成長中的應用 - 汽車及工業電子

# 華邦專注於汽車及工業電子的原因?



產品性能重於成本



產品生命週期長



高品質要求



具成長潛力

全球汽車及工業電子應用中的DRAM需求:



- Automotive Total Bit Demand (million Gb)
- Industrial Total Bit Demand (million Gb)

符合隱型冠軍特質

Source: IHS





#### 涵蓋各項汽車應用,客戶佈及全球



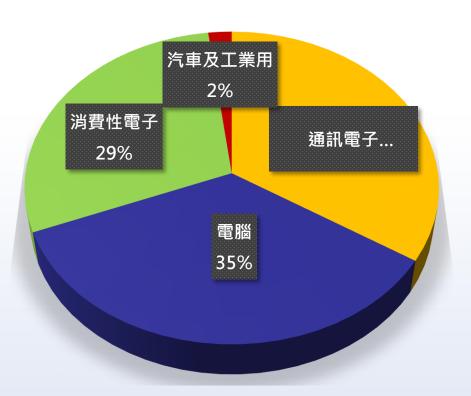
- 華邦電子為汽車電子各項應用(包括先進駕駛輔助系統、車載通訊、車載資訊娛樂系統及數位儀表板等)的記憶體供應商之一。
- □ 客戶含蓋歐、美、日、韓一線OEM廠。



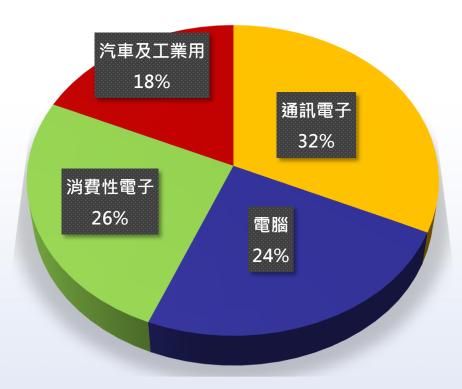


#### 汽車及工業電子應用別營收成長

#### Y2012 各應用別營收佔比



#### Y2016 各應用別營收佔比

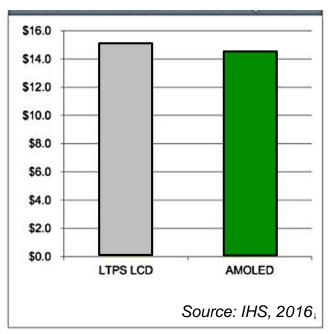






#### 成長中的應用 - AMOLED

#### Manufacturing costs (US\$):



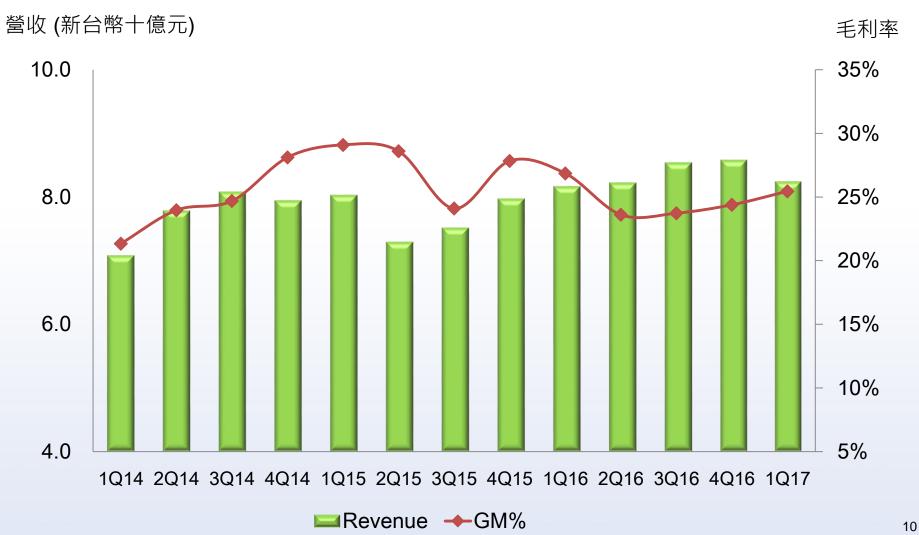


- □ AMOLED的製造成本在 2016年已低於LTPS LCD。 AMOLED 在智慧型手機市場中的滲透率將在2019年達到40%
- 華邦是AMOLED應用中NOR記憶體的主要供應商





#### 財務資訊回顧: 營收及毛利率







### Y2017 資本支出



資本支出(現金基礎) 04/28/2017估計