Tel: 886-2-29162151
Fax: 886-2-29174598
URL: *http://www.princeton.com.tw*

LCD Driver IC *Preliminary* **PT6608**

DESCRIPTION

PT6608 is a 64 -channel segment driver for dot matrix liquid crystal graphic display system. It utilizes CMOS Technology and provides display RAM, 64-bit data latch, 64 bit drivers and decoder logics. It features the internal display RAM used as storage for the display data which are transferred from an 8-bit microcontroller. It generates the dot matrix liquid crystal driving signals corresponding to the given stored data. Paired with PT6607 (Common Driver IC), PT6608's pin assignments and application circuit are optimized for easier PCB Layout and cost saving advantages.

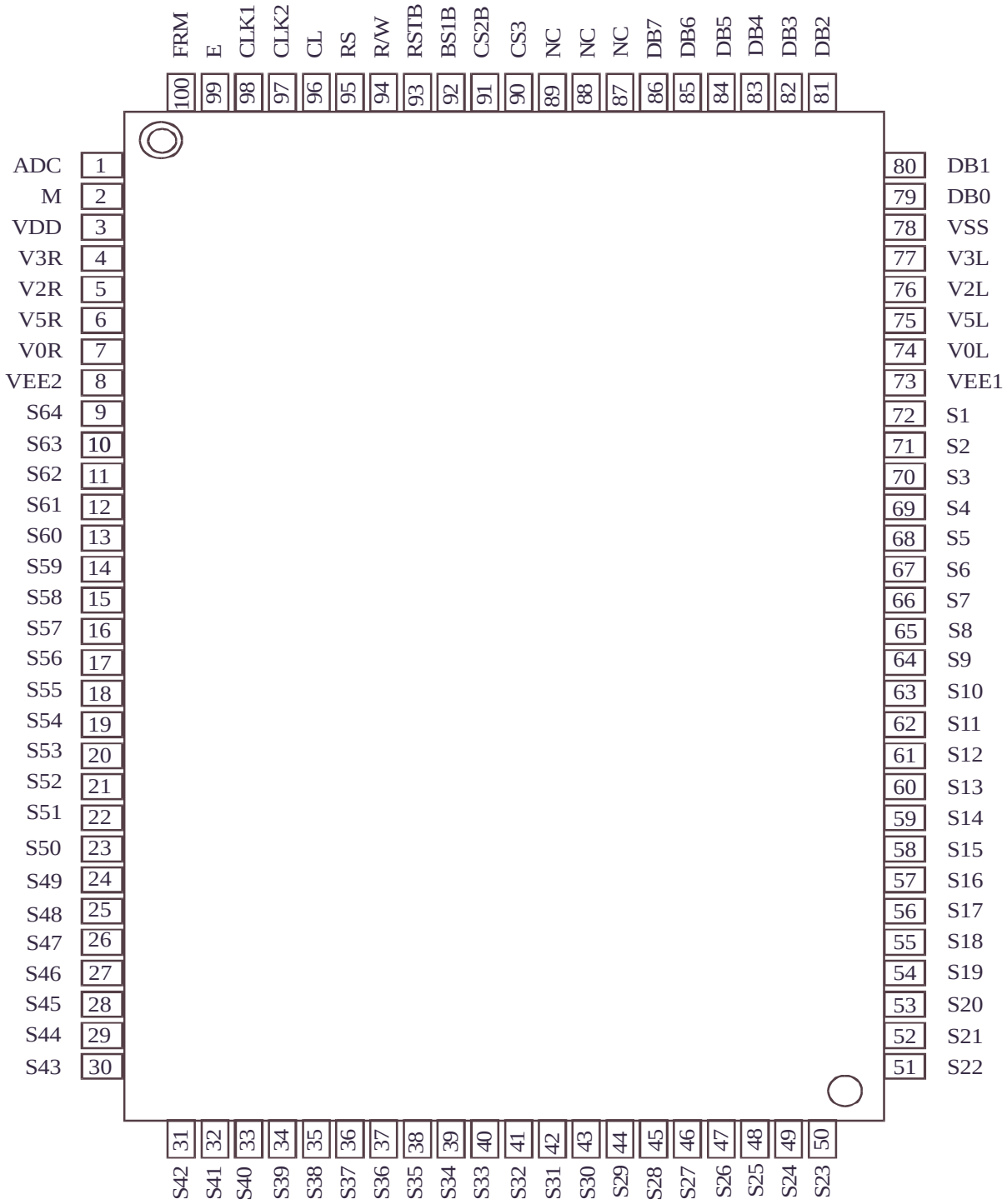
FEATURES

- CMOS Technology
- LCD Driving Voltage: 8 V to 17 V (VDD-VEE)
- Power Supply Voltage: +5V $\pm$ 10 %
- LCD Duty: 1/32 to 1/64
- Display Data is stored in Display Data RAM from MPU
- Provides 64-Channel Output
- Available in 100-Pin, QFP Package
- Output: 64 Channel for LCD Driving
- Input: 8 Bits Parallel Display Data
  Control Signal from MPU
  Splitted Bias Voltage (V0R, V0L, V2R, V2L, V3R, V3L, V5R, V5L)
- Interface: Common Driver--PT6607
  Segment Driver -- PT6608
  Controller -- MPU

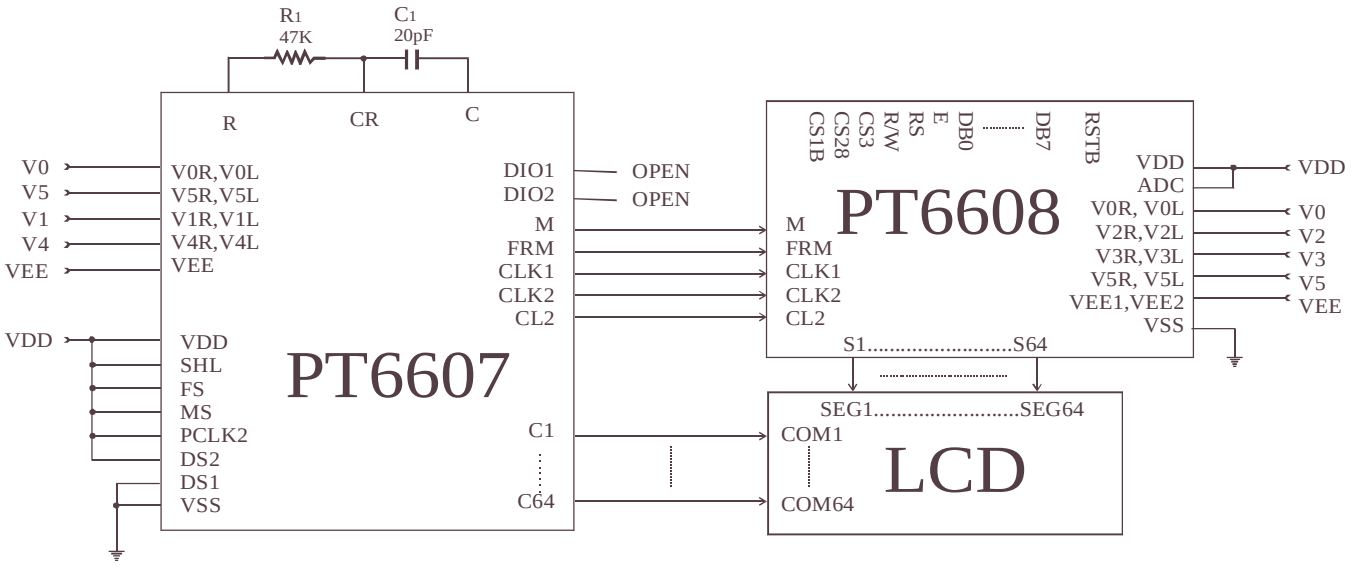
APPLICATION

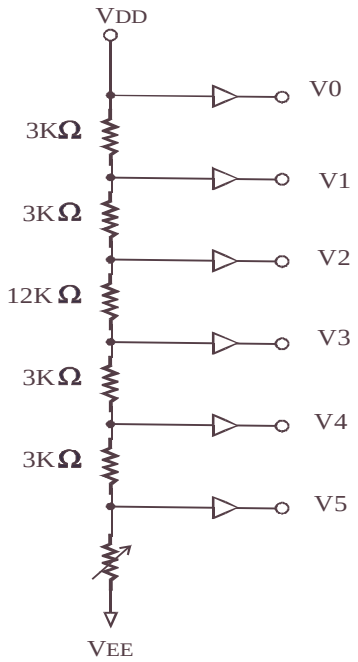
- Peripheral Device

PIN CONFIGURATION

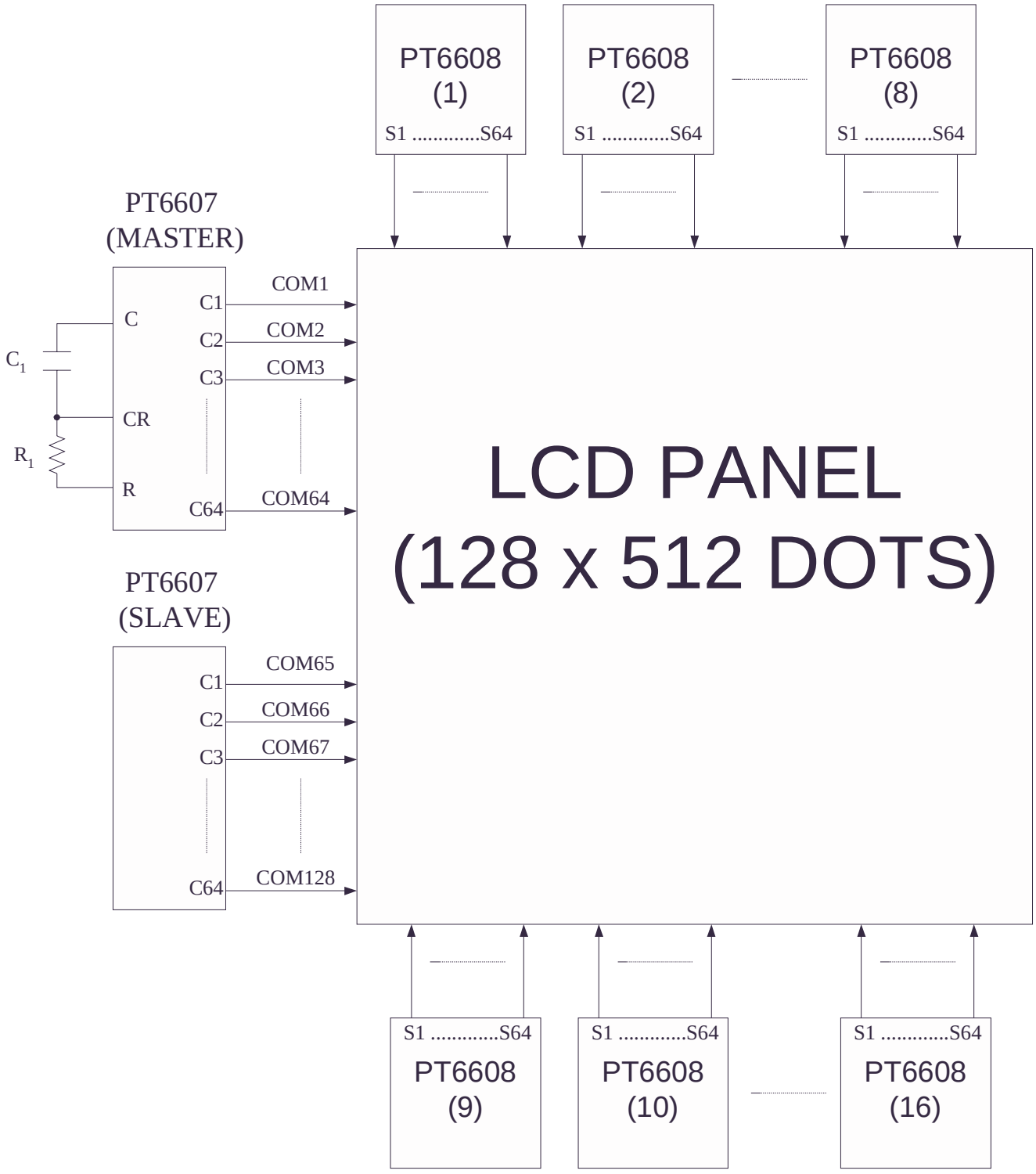


APPLICATION CIRCUIT





LCD Panel Interface Application Circuit



Tel: 886-2-29162151
Fax: 886-2-29174598
URL: *http://www.princeton.com.tw*

ORDER INFORMATION

Valid Part Number	Package Type
PT6608	100 Pins, QFP Package
PT6608-H	C.O.B