



DESCRIPTION

PT6800 is an OLED Driver IC utilizing CMOS Technology specially designed to drive up to 80 segment output drivers. It provides 80-bit bidirectional shift register, 80-bit latch circuit, as well as serial/parallel converting function. Pin assignments and application circuits are optimized for easy PCB Layout and cost saving advantages.

FEATURES

- CMOS technology
- Up to 80 segment output driver
- 80-bit bidirectional shift register
- 80-bit latch circuit
- Internal logic circuit power supply: +5V \pm 10%
- OLED drive circuit power supply: 9.0V to 16.0V
- Available in C.O.B. or 100-pin QFP package

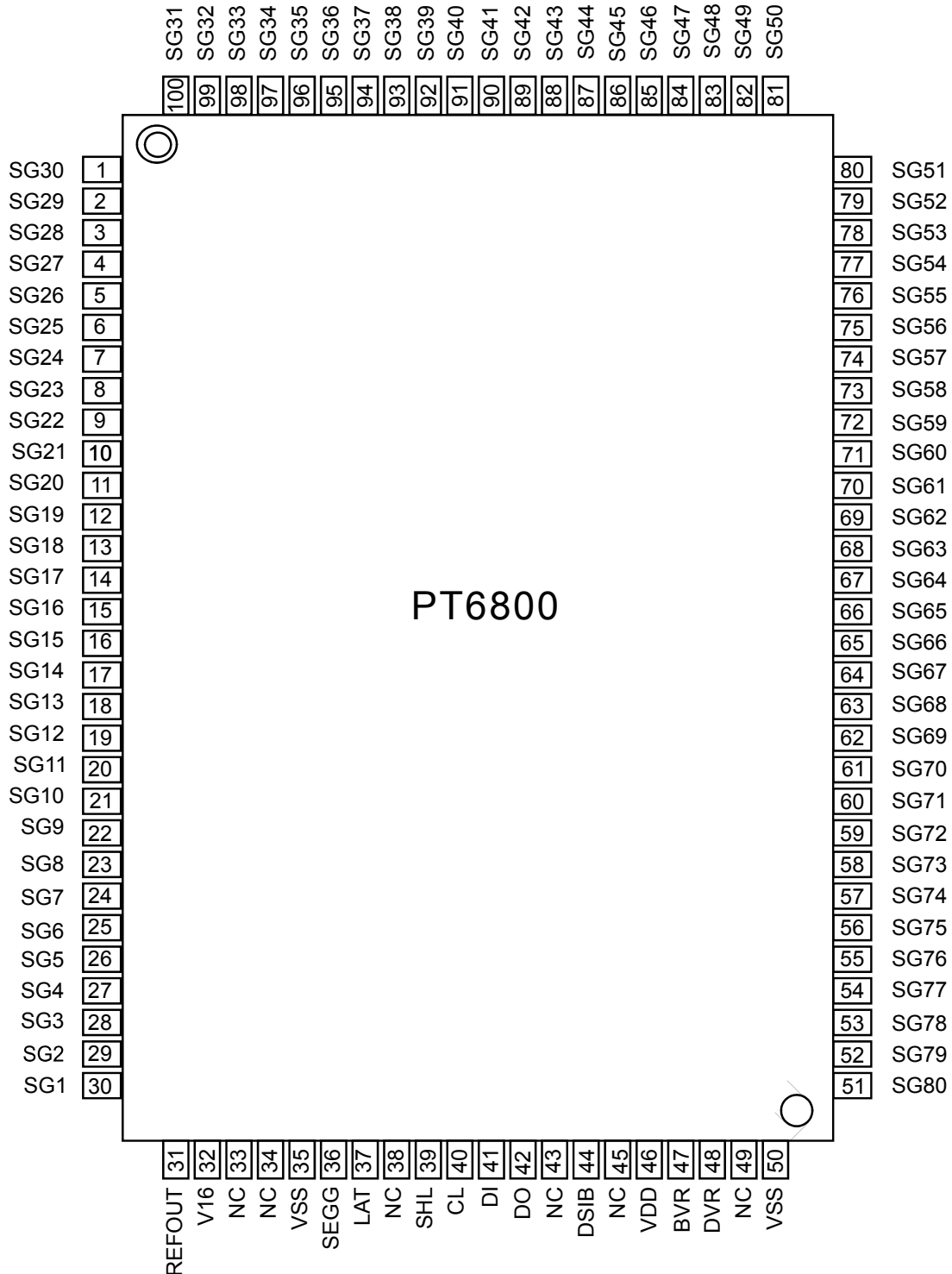
APPLICATIONS

- Cellular phone
- Data bank/Organizer
- Electronic dictionary/Translator
- Information appliance
- P.D.A.
- P.O.S.
- Car audio
- Electronic equipment with OLED display



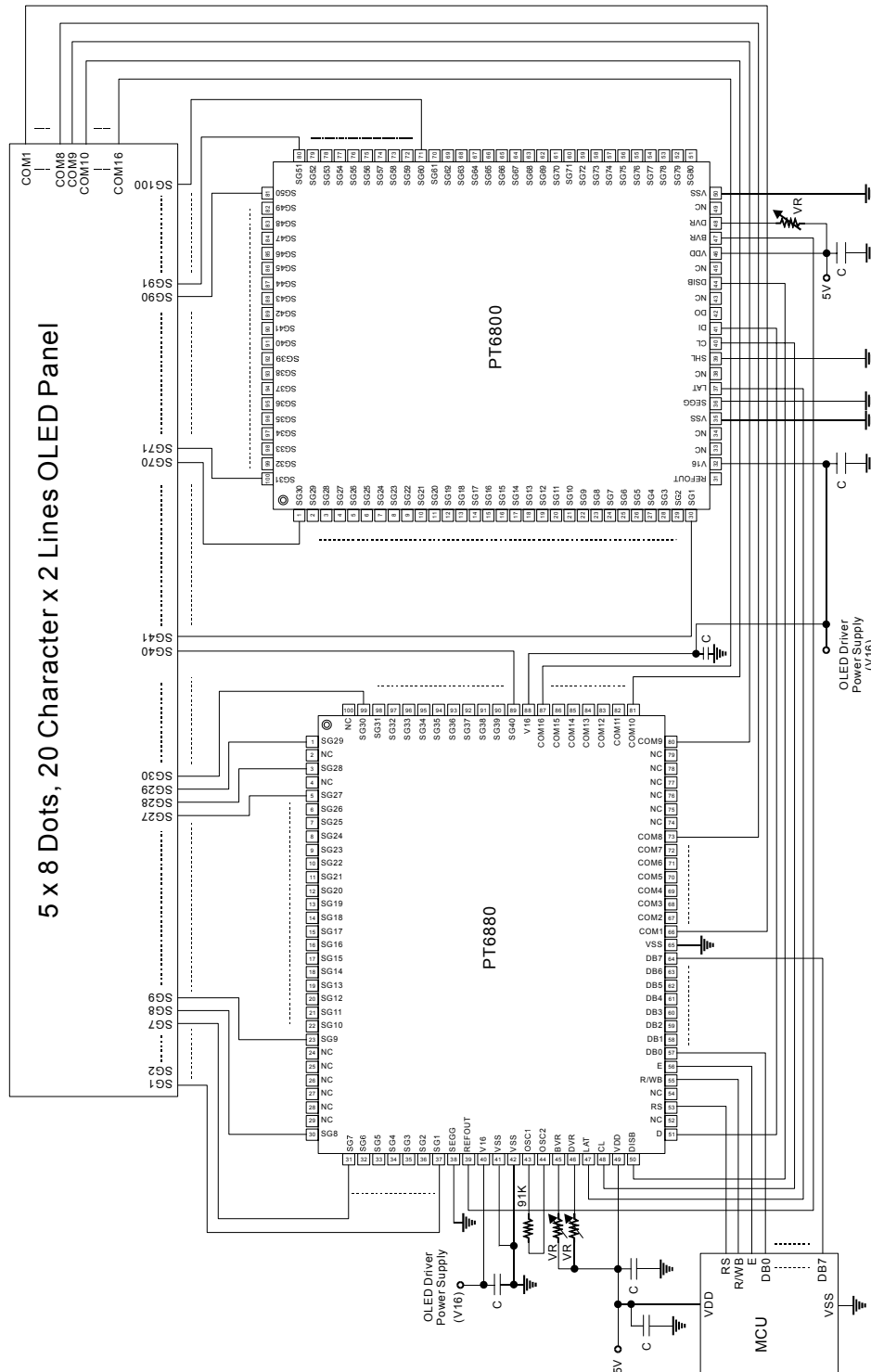
PIN CONFIGURATION

100 PINS, QFP





APPLICATION CIRCUIT



Note: VR= 100KΩ, C=0.1μF



ORDER INFORMATION

Order Part Number	Package Type	Top Code
PT6800	100 Pins, QFP	PT6800
PT6800LQ	100 Pins, LQFP	PT6800LQ
PT6800 (L)	100 Pins, QFP	PT6800
PT6800LQ (L)	100 Pins, LQFP	PT6800LQ

Notes:

1. (L), (C) or (S) = Lead Free.
2. The Lead Free mark is put in front of the date code.