普誠科技股份有限公司
Princeton Technology Corp.
Tel: 886-2-66296288
Fax: 886-2-29174598
URL: http://www.princeton.com.tw

DESCRIPTION

PT6306 is a 64-Bit High-Voltage Display Driver utilizing CMOS Technology specially designed for VFD display panels. It provides 64-bit bidirectional shift register, 64-bit latch and high-voltage CMOS Driver. The logic circuit operates on 5V power supply (CMOS Level Input) making it possible for PT6306 to be used in conjunction with a microcomputer. The driver block consists of 80V, 50mA(max.) high voltage output buffer. Pin assignments and application circuits are optimized for easy PCB Layout and cost saving benefits.

FEATURES

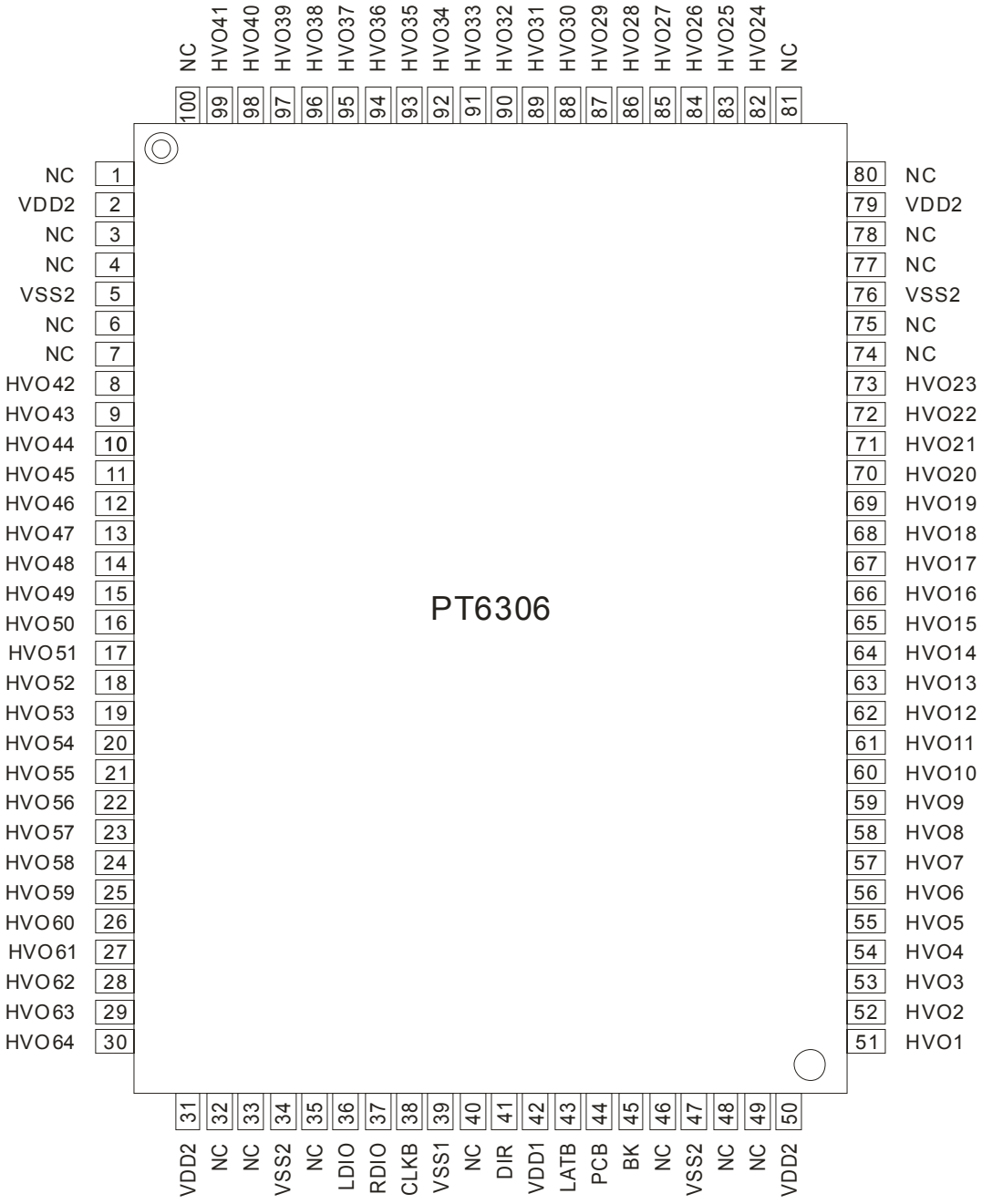
- CMOS Technology
- Low Power Consumption
- 64-Bit Bidirectional shift registers
- Data Controlled via External Transfer Clock and Latch
- High Speed Data Transfer (fmax=16MHz Min: in cascade connection)
- Wide Operating temperature Range: -40 to +85℃
- High Voltage Output (80V, 50mA max.)
- Polarities of all Drivers may be inverted by using PCB Pin
- Available in 100 Pins QFP

APPLICATION

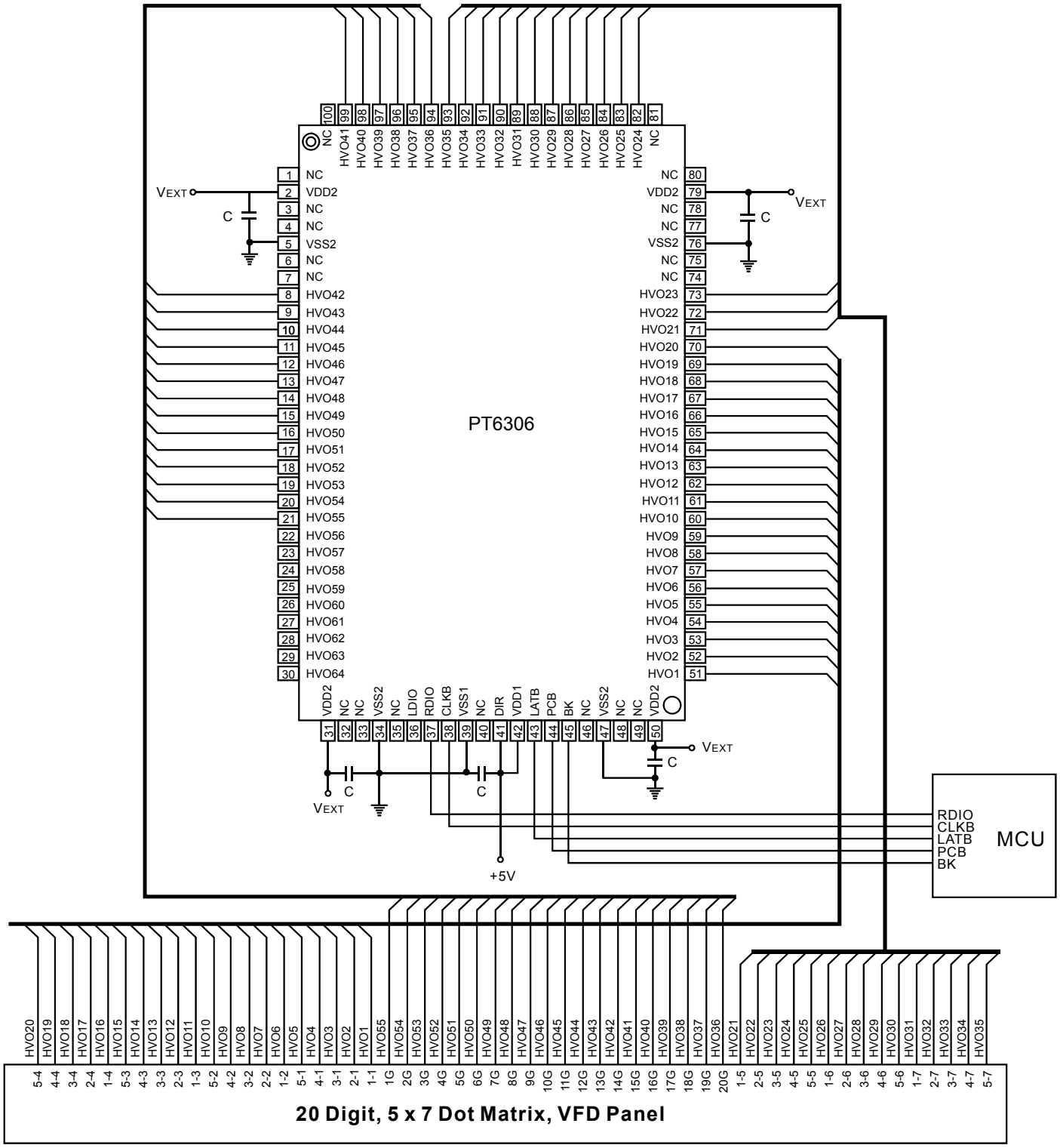
- Micro Computer Peripheral

Tel: 886-2-66296288
Fax: 886-2-29174598
URL: http://www.princeton.com.tw

PIN CONFIGURATION



APPLICATION CIRCUIT



Note: C = 0.1μF
VEXT = External Supply Voltage (Maximum Value = 70V)

Tel: 886-2-66296288
Fax: 886-2-29174598
URL: http://www.princeton.com.tw

ORDER INFORMATION

Order Part Number	Package Type	Top Code
PT6306	100 Pins, QFP	PT6306
PT6306 (L)	100 Pins, QFP	PT6306

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