

## 17-Com x 96-Seg Bitmap LCD Driver

NJU6580

DATA SHEET



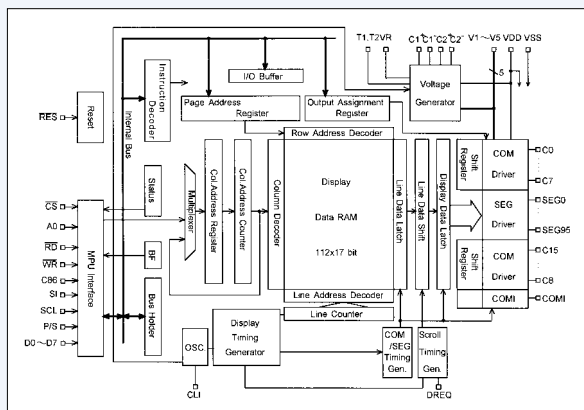
### ■ GENERAL DESCRIPTION

The NJU6580 is a 16-Com x 96-Seg+1-Icon Bit Map LCD Driver to display graphics or characters. It provides 7 or 15 dots smooth scroll function for the horizontal character scroll reducing CPU loads.

### ■ FEATURES

- LCD Drivers : 96-Seg, 16-Com, 1-Icon
- Display Data RAM : 1,904-Bit
- Direct interface with 68 and 80 type CPU  
Serial Interface
- Power supply circuit for LCD incorporated  
Voltage step up circuit (x2, x3), Regulator, Voltage Follower
- Electrical Variable Resistance
- Horizontal Scroll Function
- Operating Voltage : 2.4V to 5.5V
- Package : Bumped Chip / TCP

### ■ BLOCK DIAGRAM



## 33-Com x 96-Seg Bitmap LCD Driver

NJU6583

DATA SHEET



### ■ GENERAL DESCRIPTION

The NJU6583 is a 32-Com x 96-Seg+1-Icon Bit Map LCD Driver to display graphics or characters. It provides 7 or 15 dots smooth scroll function for the horizontal character scroll reducing CPU loads.

### ■ FEATURES

- LCD Drivers : 96-Seg, 32-Com, 1-Icon
- Display Data RAM : 3,696-Bit
- Direct interface with 68 and 80 type CPU  
Serial Interface
- Power supply circuit for LCD incorporated  
Voltage step up circuit (x2, x3), Regulator, Voltage Follower
- Electrical Variable Resistance
- Horizontal Scroll Function
- Operating Voltage : 2.4V to 5.5V
- Package : Bumped Chip / TCP

### ■ BLOCK DIAGRAM

