

40CH Segment/Common Driver

■ Functions:

- Dot matrix LCD driver with two 20 channel outputs
- Selectable function to use common/segment drivers simultaneously
- Bias voltage (V1 ~ V6)
- Input/output signals
 - Input : Serial display data and control pulse from controller IC
 - Output : 20 X 2 channels waveform for LCD driving

■ Features:

- Power supply for logic : 2.7V ~ 5.5V
- Power supply for LCD voltage (V₀~V_{SS}) : 3V ~ 7.2V
- 64 Pin QFP package and bare chip available

■ Description:

RW1060 is a segment/common driver for dot matrix type LCD display. It features 40 channels with 20 X 2 bits bi-directional shift registers, data latches, LCD drivers and logic control circuits. It is fabricated by high voltage CMOS process with low current consumption.

The **RW1060** can convert serial data received from a LCD controller, such as **RW1068** and **RW1067**, into parallel data and send out LCD

driving waveforms to the LCD panel. The **RW1060** is designed for general-purpose LCD drivers. It can drive both static and dynamic drive LCD. The LSI can be used as segment/common driver.

The **RW1060** has pin function compatibility with the KS0065B that allows the user easily to replace it with a **RW1060**.