

## Row Driver ICN2012

### Description

ICN2012 is a 8-channel power switch for LED display. ICN2012 Integrated 74HC138 (3-Line to 8-Line Decoders) and 8 Channel P-Channel Enhancement Mode MOSFET driver.

ICN2012 used for LED display could instead of 1Pcs 74HC138 and 4 Pcs 4953. ICN2012 also integrated Ghosting Reduction, Caterpillar Cancelling and LED Protection circuit.

### Features

- Integrated 74HC138 (3-Line to 8-Line Decoders)
- 8 Channel P-Channel Enhancement Mode MOSFET driver
- P-MOSFET  $R_{ds(ON)}$  100 m $\Omega$ , Max output current 2.5A
- Incorporate Tow Enable Inputs to Simplify Cascading
- Ghosting Reduction
- Caterpillar Removal for LED Short
- LED Protection
- Max Power Dissipation <650mW @  $V_{DD}=5V$  &  $I_{vdd}=2.5A$

