

# SiTI DR264-12

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2 segment string LED open reactive IC with  
low drop voltage



# DR264-12

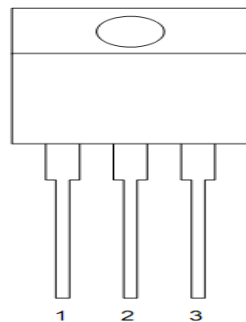
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- DR264 is a 2 segment open-reactivate device. It overcomes the most common problem to serially connected LED lighting applications. With the energy-saving design, DR264 can lower the drop voltage between LEDs and reduce the total power dissipation.
- The drop voltage of one bypass segment at 1A bypass current is lower than 0.5V.
- Each segment provides the voltage protection from 2V to 4V which suits varied LED.
- Available packaging: SOT-23 and TO252

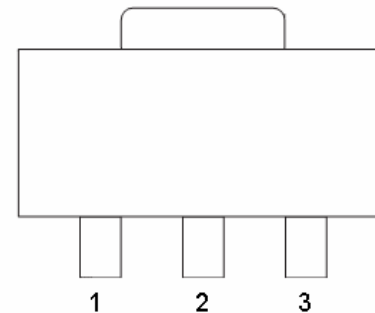
# Features

- 2 serial bypass segments
- Maximum bypass current: 1 A
- The voltage drop of one bypass segment at 1A bypass current:  $<0.5V$
- Reverse protection current of TO252 package: 1A
- Reverse protection current of SOT-23 package: 650mA

Package Types:



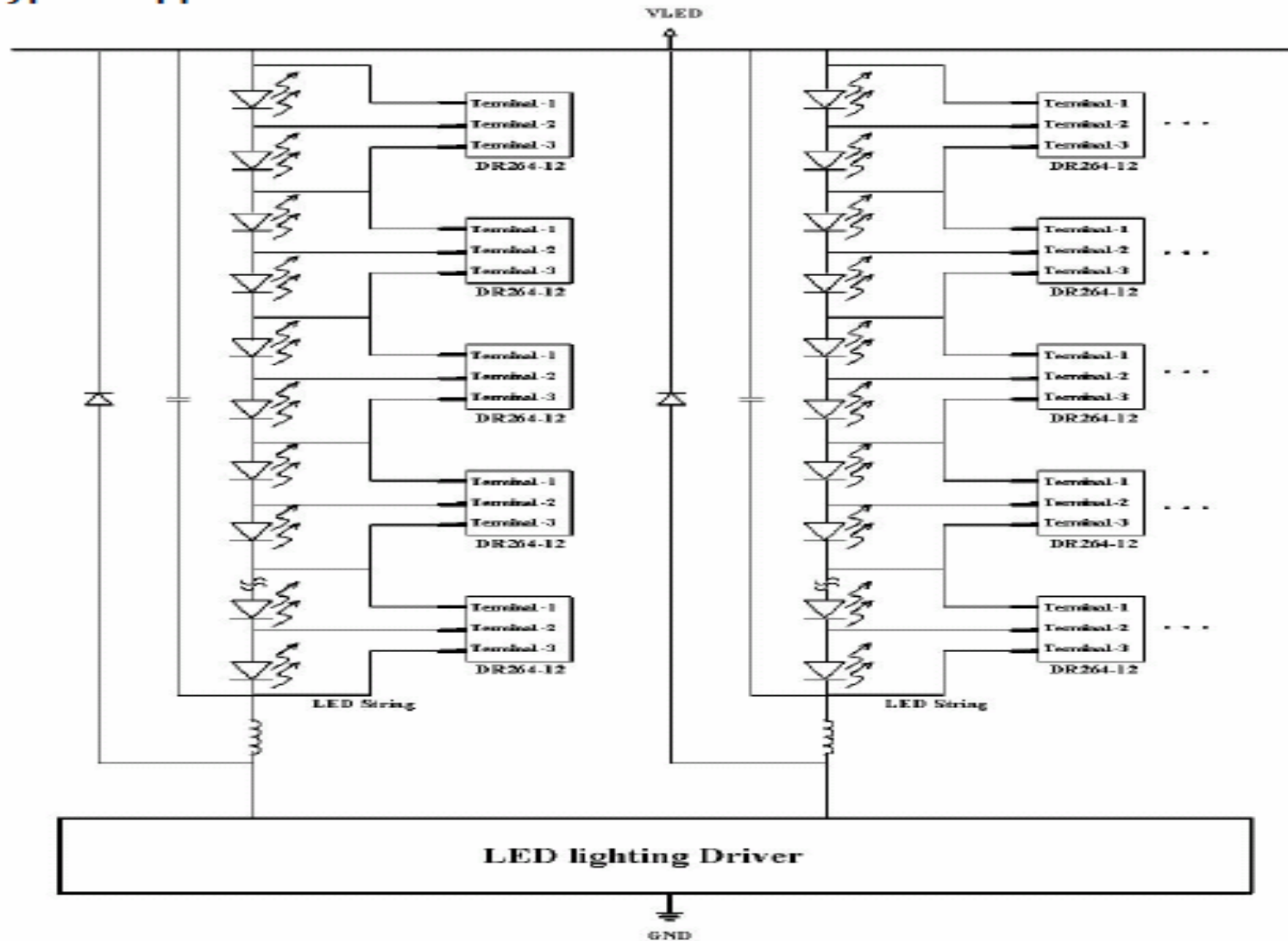
TO252

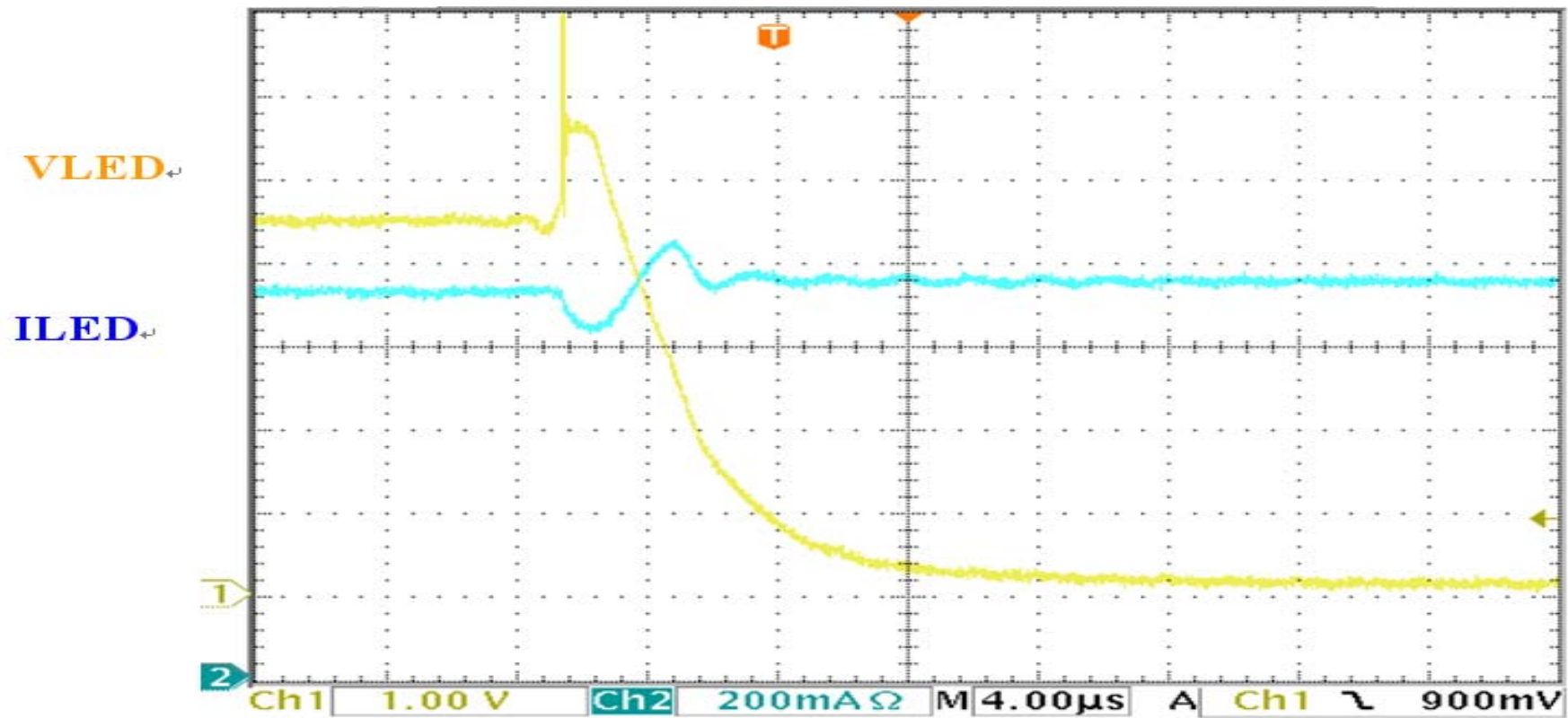


SOT-23

# Application

## Typical Application





At 1000mA, after restarting, the VDV is around 0.28V and the response time is 4uS