

Product Overview

M1MA141K: 40 V Switching Diode

For complete documentation, see the data sheet.

The Switching Diode is designed for use in ultra high speed switching applications. This device is housed in the SC-70 package which is designed for low power surface mount applications.

Features

- Fast t_{rr} , < 3.0 ns
- Low C_D , < 2.0 pF
- Available in 8 mm Tape and Reel Use M1MA141/2KT1 to order the 7 inch/3000 unit reel. Use M1MA141/2KT3 to order the 13 inch/10,000 unit reel.
- Pb-Free Packages are Available

Part Electrical Specifications

| Product | Compliance | Status | Configuration | V_R Min (V) | V_F Max (V) | I_R Max (μ A) | I_F Max (A) | t_{rr} Max (ns) | C_D Max (pF) | Package Type |
|-------------|------------------------|--------|---------------|---------------|---------------|----------------------|---------------|-------------------|----------------|---------------------|
| M1MA141KT1G | Pb-free Halide free | Active | Single | 40 | 1.2 | 0.1 | 0.1 | 3 | 2 | SC-70-3 / SOT-323-3 |

For more information please contact your local sales support at www.onsemi.com.

Created on: 4/24/2019