

## Product Overview

### M1MA151WK: 40 V Common Cathode Switching Diode

For complete documentation, see the data sheet.

The Common Anode Switching Diode is designed for use in ultra high speed switching applications. This device is housed in the SC-59 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 M1MA151/2WKT1 to order the 7 inch/3000 unit reel. Use M1MA151/2WKT3 to order the 13 inch/10,000 unit reel.
- Pb-Free Packages are Available
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable

### Part Electrical Specifications

Product	Compliance	Status	Configuration	$V_R$ Min (V)	$V_F$ Max (V)	$I_R$ Max ( $\mu$ A)	$I_F$ Max (A)	$t_{rr}$ Max (ns)	$C_D$ Max (pF)	Package Type
M1MA151WKT1G	Pb-free Halide free	Active	Common Cathode	40	1.2	0.1	0.1	3	2	SC-59-3
SM1MA151WKT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	40	1.2	0.1	0.1	3	2	SC-59-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 4/20/2019