



The DNA of tech.™



Upgraded I_{FSM} for 8 A and 10 A Standard Recovery Rectifiers in SMC (DO-214AB) Package

Vishay General Semiconductor has upgraded the maximum allowable surge current I_{FSM} for its 8 A and 10 A 400 V, 600 V, 800 V, and 1000 V standard recovery rectifiers in the SMC (DO-214AB) package. The I_{FSM} of 8 A products has been upgraded from 200 A to 260 A, while 10 A products have been upgraded from 240 A to 300 A, based on the recent completed positive verification. The information has been updated accordingly in the product datasheets.

Device part numbers, electrical and mechanical parameters, and the quality for these devices remain unchanged. The table below lists the effected part numbers and the changes in I_{FSM} .

Product	Case Outline	Part Number	I_F (A)	Voltage (V)	I_{FSM} (A)
Standard recovery rectifier	SMC (DO-214AB)	S8CGHM3/I	8	400	260
		S8CG-M3/I	8	400	260
		S8CJHM3/I	8	600	260
		S8CJ-M3/I	8	600	260
		S8CKHM3/I	8	800	260
		S8CK-M3/I	8	800	260
		S8CMHM3/I	8	1000	260
		S8CM-M3/I	8	1000	260
		S10CGHM3/I	10	400	300
		S10CG-M3/I	10	400	300
		S10CJHM3/I	10	600	300
		S10CJ-M3/I	10	600	300
		S10CKHM3/I	10	800	300
		S10CK-M3/I	10	800	300
		S10CMHM3/I	10	1000	300
		S10CM-M3/I	10	1000	300



The DNA of tech.™



Affected Products

Standard recovery surface-mount rectifier

Planned Implementation

Implementation schedule: May 19, 2023

Qualification Data

Available upon request

For further information, please contact our regional marketing offices listed below

Contact Information

The Americas

Vishay Semiconductors
150 Motor Parkway,
Suite 119
Hauppauge, NY 11788 USA
Phone: +1 631 300 3816
Fax: +1 631 300 3843
Diodes-Americas@vishay.com

Europe

Vishay Semiconductors
Theresienstrasse 2
D-74072 Heilbronn, Germany
Phone: +49 7131 7498 656 (or
715)
Fax: +49 7131 67 2938
Diodes-Europe@vishay.com

Asia / Pacific

Vishay Semiconductors
15D, Sun Tong Infoport Plaza
55 Huai Hai West Road
Shanghai, China
Phone: +86 138 1787 2112
Fax: +86 21 5258 7979
Diodes-Asia@vishay.com