



## FEATURED PRODUCT

### Good-Ark Semiconductor 200V Schottky Rectifier Series

*In Industry Standard Surface Mount and Through-hole Packages with Increased Power Density and Energy Efficiency*

Good-Ark Semiconductor introduces 200V Schottky Rectifier Series from 1A to 20A with superior performance and reliability. With high current rating, low forward voltage drop and low reverse leakage current, this product series is ideal for fast switching in RF modules, freewheeling and polarity protection. Products are packaged in industry standard surface mount and through-hole packages to fulfill different space requirements.

#### FEATURES

- High reverse voltage capability
- High current rating
- High surge capability
- Low forward voltage drop
- Low reverse leakage current

#### BENEFITS

- Increased voltage rating up to 200V
- Increased energy efficiency
- Various packages available

#### APPLICATIONS

- Portable devices
- Lighting
- Fast switching in RF modules
- Polarity protection
- Freewheeling
- Power supply

#### CURRENT RATING

- ✓ 1A
- ✓ 2A
- ✓ 3A
- ✓ 5A
- ✓ 10A
- ✓ 20A

#### PACKAGE AVAILABILITY

- ✓ eSGA (SOD-123FL)
- ✓ DO-214AC (SMA)
- ✓ DO-214AA (SMB)
- ✓ DO-214AB (SMC)
- ✓ TO-263 (D2PAK)
- ✓ TO220-AB
- ✓ TO220F-AB

#### PRODUCT SERIES

PACKAGE	I <sub>F(AV)</sub> (A)	V <sub>F</sub> (V)	MPN
eSGA (SOD-123F)	1	V <sub>F</sub> ≤ 0.85V	FS1CH
	2		FS2CH
DO-214AC (SMA)	1	V <sub>F</sub> ≤ 0.85V	SK1C0A
	2		SK2C0A
	3		SK3C0A
DO-214AA (SMB)	2	V <sub>F</sub> ≤ 0.85V	SK2C0B
	3		SK3C0B
	5		SK5C0B
DO-214AB (SMC)	3	V <sub>F</sub> ≤ 0.85V	SK3C0C
	5		SK5C0C
TO-263 (D2PAK)	10	V <sub>F</sub> ≤ 0.92V	MBRB10200CT
	20	V <sub>F</sub> ≤ 0.90V	MBRB20200CT
TO220-AB	10	V <sub>F</sub> ≤ 0.92V	MBR10200CT
	20	V <sub>F</sub> ≤ 0.94V	MBR20200CT
TO220F-AB	10	V <sub>F</sub> ≤ 0.92V	MBRF10200CT
	20	V <sub>F</sub> ≤ 0.94V	MBRF20200CT

Free samples available for immediate testing.  
Contact us at: 631-319-1858 or  
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