

Hunan Sanan Product List

Silicon Carbide Schottky Diode, BV≥650V													
	IF(A)	2	4	6	8	10	12	16	20	40	60	80	100
Package	Bare Die	●	●	●	●	●	●	●	●				
	DFN 8*8			●	●	●							
	TO252-2L	●											
	TO263-2L					●							
	TO220-2L	●	●	●	●	●	●	●	●				
	TO220N-2L				●	●							
	TO247-2L					●		●	●				
	TO247-3L					●		○	●	●			
	SOT227										●	●	●
Silicon Carbide Schottky Diode, BV≥1200V													
	IF(A)	2	5	10	15	20	27	30	40	60	80	100	
Package	Bare Die	●	●	●	●	●	●	●	●				
	TO252-2L	●	●										
	TO263-2L			●									
	TO220-2L	●	●	●	●	●							
	TO247-2L			●	●	●	●	●	●				
	TO247-3L			●		●		●	●				
	SOT227									●	●	●	
Silicon Carbide MOSFET													
		BV≥1200V					BV≥750V		BV≥1700V				
	Rdson(mR)	16	32		80		16		1000				
Package	Bare Die	○	○		●		○		○				
	TO247-3L	○	○		●				○				
	TO247-4L		○		○								
	TO263-7L				○				○				
●	Ready	○	Coming soon										

SiC SBD Characteristic:

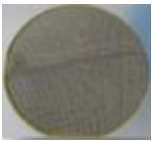
- Zero Reverse Recovery Current
- Positive temperature coefficient
- Temperature-independent performance
- High-speed switching
- Low switching loss
- Low heat dissipation requirements

SiC MOSFET Characteristic:

- High Speed Switching with Low Capacitances
- High Blocking Voltage with Low RDS(on)
- Higher System Efficiency
- Reduced Cooling Requirements
- Increased System Switching Frequency

Bare Die

Packageless, the chip is used in the module package or another package by our terminal client of semiconductor company.



SMD



These SMD package device used in rectifier diode of Power Factor Correction in low power supply, 0~3000W, TV Power, other which concern with power, telephone charger, computer charger, new energy automobile DC/DC converter, and so forth.



DIP



DIP package is a general market product, these chip used in a variety of PFC and rectifier circuits commonly, used in the markets are automotive OBC, DC-DC, charging pile, A/C inverter, PV inverter, server power supply, UPS, high-power LED power supply, etc.



Module



The SBD module used in the high power supply, used in EV Supercharger, power supply for large industrial equipment etc.

