

inergy EnerSiC™

inergy

inergy's silicon carbide product line delivers fast switching speeds, low forward voltage drop, and excellent thermal stability, enabling a wide range of high-power and high-voltage applications. Our rugged and reliable wide bandgap (WBG) products are ideal for power supply units (PSUs), on-board chargers (OBCs), energy storage systems, charging stations, uninterruptible power supplies (UPS), photovoltaic (PV) inverters, DC-DC converters, and industrial automation.



SiC Schottky Diode

* : Coming Soon

Voltage Rating	IF	Package	TO-252	DFN8X8	TO-220/F	TO-247-2L	TO-247-3L
650V		4A	iS065C04CD	iS065C04CM*	iS065C04CE	-	-
		6A	iS065C06CD	iS065C06CM*	iS065C06CE	-	-
		8A	iS065C08CD	iS065C08CM*	iS065C08CE	-	-
		10A	iS065C10CD	iS065C10CM*	iS065C10CE	-	-
		12A	-	-	iS065C12CE*	-	-
		16A	-	-	iS065C16CE*	iS065C16CH*	-
		20A	-	-	iS065C20CE*	iS065C20CH*	-
		30A	-	-	-	-	iS065C30CH*
		50A	-	-	-	-	iS065C50CH*
Voltage Rating	IF	Package	TO-220		TO-247-2L		TO-247-3L
1200V		5A	iS120C05CE*		-		-
		10A	iS120C10CE*		iS120C10CH*		-
		15A	iS120C15CE*		iS120C15CH*		-
		20A	iS120C20CE*		iS120C20CH*		-
		30A	-		iS120C30CH*		-
		40A	-		-		iS120C40CH*
		50A	-		-		iS120C50CH*

SiC MOSFET

* : Coming Soon

Voltage Rating	Ron Package	TOLL		TO-247-4L	
650V	18mΩ	-		iM065C018BH*	
	27mΩ	-		iM065C027BH*	
	35mΩ	iM065C035AT		-	
	50mΩ	iM065C050BT		-	
	65mΩ	iM065C065BT*		-	
750V	9mΩ	iM075C009BT*		-	
Voltage Rating	Ron Package	TOLL	TO-247-4L	TO-263-7L	QDPAK
1200V	14mΩ	-	iM120C014CH*	iM120C014CK*	iM120C014BX*
	32mΩ	-	iM120C032CH*	-	-
	40mΩ	-	iM120C040CH*	-	-
	75mΩ	-	iM120C075CH*	-	-