

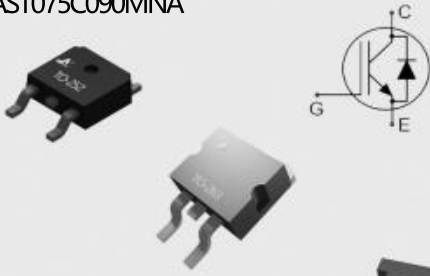
变频器及伺服器专用IGBT单管与模块

----工业级产品



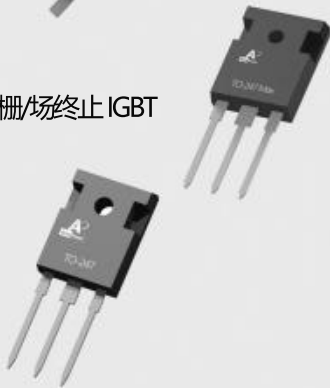
变频器/伺服器专用IGBT单管

AST006C065SNA	ASL015C120TNA
AST010C065BNA	AST020C120TNA
AST015C065BNA	AST025C120TNA
AST020C065BNA	AST040C120TNA
AST020C065BNB	AST040C120MNA
AST030C065BNA	AST050C120TNA
AST040C065TNA	AST050C120MNA
AST075C065TNA	AST075C120MNA
AST075C090MNA	



产品优势

采用高速沟槽栅/场终止 IGBT
饱和压降小
低栅极电荷



产品规格

Part No.	V _{CE(S)}	I _{C(max)} @100°C	V _{CE(sat)} (typ.)@25°C	Package	Application	
AST006C065SNA	650	6	1.60	TO-252	变频器	
AST010C065BNA	650	10	1.65	TO-263		
AST015C065BNA	650	15	1.57	TO-263		
AST020C065BNA	650	20	1.55	TO-263		
AST020C065BNB	650	20	1.38	TO-263		
AST030C065BNA	650	30	1.65	TO-247		
AST040C065TNA	650	40	1.80	TO-247		
AST075C065TNA	650	75	1.64	TO-247		
AST075C090MNA	900	75	1.85	TO-247Max		
ASL015C120TNA	1200	15	1.77	TO-247		伺服器
AST020C120TNA	1200	20	1.93	TO-247		
AST025C120TNA	1200	25	1.81	TO-247		
AST040C120TNA	1200	40	1.93	TO-247		
AST040C120MNA	1200	40	1.93	TO-247Max		
AST050C120TNA	1200	50	1.89	TO-247		
AST050C120MNA	1200	50	1.89	TO-247Max		
AST075C120MNA	1200	75	1.77	TO-247Max		

产品应用



变频器/伺服器专用IGBT模块

AST040GU12J2NA	AST015GU12A2NA
AST050GU12J1NA	AST025GU12A2NA
	AST035GU12A2NA

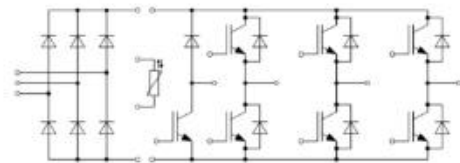
产品优势

T_{vjop} = -50 ~ 150°C, 短时工作结温可扩展至 175°C
低导通电压
使用 DBC 技术的绝缘铜底板

产品规格

Part No.	V _{CE(S)}	I _{C(max)} @100°C	V _{CE(sat)} (typ.)@25°C	Package
AST040GU12J2NA	1200	40	1.8	SlimPIM
AST050GU12J1NA	1200	50	2.2	SlimPIM
AST015GU12A2NA	1200	15	1.85	MiniPIM
AST025GU12A2NA	1200	25	1.85	MiniPIM
AST035GU12A2NA	1200	35	1.85	MiniPIM

拓扑电路



产品应用



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