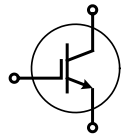


Discrete XPT

XPT IGBT

XPT = Xtreme light Punch Through, short-circuit rated IGBTs with paralleling capabilities




IXA...I...
IXX ...

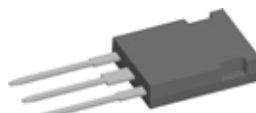
Part Number	V _{CES}	I _{C25} T _C = 25°C	I _{C110} T _C = 110°C	V _{CE(sat)} T _C = 25°C	t _{fi} typ. T _J = 25°C	E _{off} typ. T _J = 125°C	R _{thJC}	Diode	I _{F110} Diode T _C = 110°C	Fig. No.	Package style	
➤ New	V	A	A	V	ns	mJ	K/W		A		Outline drawings on pages O-29...O-51	
600 V XPT IGBT												
➤ IXXH 25N60B3D1	600	*	25	Under Development				•	*	X014a	X004	TO-252AA
➤ IXXH 25N60C3D1		*	25					•	*			
➤ IXXH 30N60B3D1		*	30					•	*			
➤ IXXH 30N60C3D1		*	30					•	*			
➤ IXXH 50N60B3		120	50	1.8	135	1.2	0.25	•	-	X005a	TO-220AB	
➤ IXXH 50N60B3D1		120	50	1.8	135	1.2	0.25	•	30			
➤ IXXH 50N60C3		100	50	2.3	42	0.48	0.25	•	-	X020a	TO-263AB	
➤ IXXH 50N60C3D1		100	50	2.3	42	0.48	0.25	•	30			
➤ IXXH 100N60B3		210	100	1.8	150	2.8	0.18	•	-	X011b	TO-263AB	
➤ IXXH 100N60C3		190	*	1.8	150	2.8	0.18	•	65			
➤ IXXH 100N60C3H1		190	100	2.2	75	1.4	0.18	•	-	X015a	TO-263AB	
➤ IXXH 100N60C3H1		170	*	2.2	75	1.4	0.18	•	65			
➤ IXXH 200N60B3		*	200	Under Development				•	-	X015a	TO-263AB	
➤ IXXH 200N60C3		*	200					•	-			

* under progress

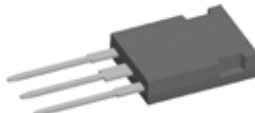
X019 **D3-PAK**



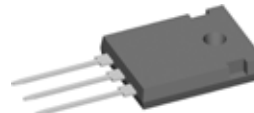
X016a **ISOPLUS247™**



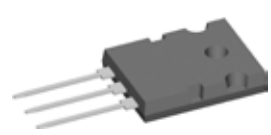
X015a **PLUS247**




X014a **TO-247AD**



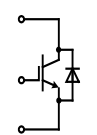
X020a **TO-264**



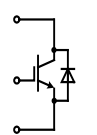
X027a **SOT-227B miniBLOC**



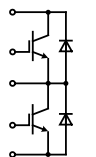
...XF...



...IF...



...PF...



Type	V _{CES}	I _{C25} IGBT T _C = 25°C	I _{C100} IGBT T _C = 100°C	V _{CEsat} typ IGBT T _J = 25°C	E _{off} IGBT T _J = 125°C	R _{thJC}	Diode	I _{F100} diode T _C = 100°C	Fig. No.	Package style
◇ under development	V	A	A	V	mJ	K/W		A		Outline drawings on pages O-29...O-51
650 V XPT IGBT										
◇ IXA 100XF650ALB	650	2x 50	*	1.60	*		•	*	X030a	SMPD-B
◇ IXA 68IF650LB		68	*	1.60	*		•	*		
◇ IXA 90IF650LB		90	*	1.60	*		•	*		
◇ IXA 27PF650LB		27	*	1.60	*		•	*		
◇ IXA 45PF650LB		45	*	1.60	*		•	*		
◇ IXA 68PF650LB		68	*	1.60	*		•	*		

* under progress