



1200 V XPT™ Trench IGBTs XPT = Xtreme light Punch Through,

Part Number	V _{CES}	I _{C25} T _C = 25°C	I _{C110} T _C = 110°C	V _{CE(sat)} T _C = 25°C	t _{fl} typ. T _J = 125°C	E _{off} typ. T _J = 125°C	R _{thJC}	P _C	Fig. No.	Package style Outline drawings on pages O-36...O-59
➤ New	V	A	A	V	ns	mJ	K/W	W		
A4 Class (up to 5kHz switching)										X005a TO-220AB 
IXYA 20N120A4HV	1200	80	20	1.9	286	4.85	0.40	375	X011c	
IXYP 20N120A4		80	20	1.9	286	4.85	0.40	375	X005a	
IXYA 30N120A4HV		106	30	1.9	270	5.60	0.30	500	X011c	
IXYH 30N120A4		106	30	1.9	270	5.60	0.30	500	X014a	
IXYP 30N120A4		106	30	1.9	270	5.60	0.30	500	X005a	
➤ IXYH 40N120A4	150	40	1.8	365	8.30	0.22	680	X014a	X011c TO-263ABHV 	
➤ IXYT 40N120A4HV	150	40	1.8	365	8.3	0.22	680	X019a		
➤ IXYT 55N120A4HV	175	55	1.8	270	8.8	0.23	650	X019a		
➤ IXYH 55N120A4	175	55	1.8	270	8.8	0.23	650	X014a		
➤ IXYT 85N120A4HV	300	85	1.8	280	13.7	0.13	1150	X019a		
➤ IXYH 85N120A4	300	85	1.8	280	13.7	0.13	1150	X014a	X014a TO-247AD 	
➤ IXYK 140N120A4	480	140	1.7	320	20	0.10	1500	X020a		
➤ IXYN 140N120A4	480	140	1.7	320	20	0.14	1070	X027a		
➤ IXYX 140N120A4	480	140	1.7	320	20	0.10	1500	X015a		
B4 Class (5-30 kHz switching)										X015a PLUS247 
➤ IXYA 20N120B4HV	1200	76	20	2.1	170	2.70	0.40	375	X011c	
➤ IXYP 20N120B4		76	20	2.1	170	2.70	0.40	375	X005a	
➤ IXYH 30N120B4		100	30	2.1	190	4.00	0.30	500	X014a	
➤ IXYH 40N120B4		136	40	2.1	190	4.40	0.22	680	X014a	
C4 Class (20-50 kHz switching)										
➤ IXYA 20N120C4HV	1200	68	20	2.5	86	1.60	0.40	375	X011c	X015a PLUS247 
➤ IXYP 20N120C4		68	20	2.5	86	1.60	0.40	375	X005a	
➤ IXYH 30N120C4		94	30	2.4	100	2.70	0.30	500	X014a	
➤ IXYH 40N120C4		120	40	2.5	80	2.65	0.22	680	X014a	
X027a 227B	SOT- miniBLOC				X020a	TO-264				X019a TO-268AAHV
										