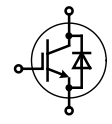


IXY ...



IXY...D1/H1

XPT™ Planar IGBT 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 _{fi} typ. T _J = 150°C	E _{off} typ. T _J = 150°C	R _{thJC}	Diode	I _{F110} Diode T _C = 110°C	R _{thJC} max. Diode	P _C	Fig. No.
➤ New	V	A	A	V	ns	mJ	K/W		A	K/W	W	
1700V XPT™ Planar IGBTs												
IXYH 10N170C	1700	36	10	4.1	94	0.90	0.53				280	X014a
IXYH 10N170CV1		36	10	4.1	94	0.90	0.53	•	22	0.70	280	X014a
IXYF 30N170CV1		36	20	4.0	134	3.50	0.65	•	20	0.86	230	X024c
IXYH 16N170C		40	16	3.8	140	1.95	0.48				310	X014a
IXYH 16N170CV1		40	16	3.8	140	1.95	0.48	•	22	0.70	310	X014a
IXYH 24N170C		58	24	4.0	140	2.66	0.30				500	X014a
IXYH 24N170CV1		58	24	4.0	140	2.66	0.30	•	28	0.55	500	X014a
IXYN 30N170CV1		80	30	4.0	134	3.50	0.22	•	33	0.43	680	X027a
IXYL 50N170CV1		90	46	3.7	160	8.20	0.26	•	26	0.83	580	X022e
IXYH 30N170C		100	30	4.0	134	3.50	0.16				937	X014a
IXYK 30N170CV1		100	30	4.0	134	3.50	0.16	•	38	0.36	937	X020a
IXYX 30N170CV1		100	30	4.0	134	3.50	0.16	•	38	0.36	937	X015a
IXYN 50N170CV1		120	50	3.7	160	8.20	0.17	•	42	0.42	880	X027a
IXYX 50N170C		178	50	3.7	160	8.20	0.10				1500	X015a

2500V XPT™ Planar IGBTs												
IXYF 16N250CV1	2500	26	14	4.0	236	4.40	0.83	•	9	1.50	180	X024c
IXYA 12N250CHV		28	12	4.5	138	1.95	0.48				310	X011c
IXYH 12N250CHV		28	12	4.5	138	1.95	0.48				310	X014c
IXYH 12N250CV1HV		28	12	4.5	138	1.95	0.48	•	14	0.80	310	X014c
IXYT 12N250CV1HV		28	12	4.5	138	1.95	0.48	•	14	0.80	310	X019a
IXYA 8N250CHV		29	8	4.0	128	1.20	0.53				280	X011c
IXYH 8N250CHV		29	8	4.0	128	1.20	0.53				280	X014c
IXYH 8N250CV1HV		29	8	4.0	128	1.20	0.53	•	14	0.80	280	X014c
IXYH 16N250CV1HV		38	16	4.0	236	4.40	0.30	•	14	0.80	500	X014c
IXYL 40N250CV1		80	40	4.0	250	11.50	0.26	•	23	0.83	577	X022e
IXYH 25N250CHV		95	25	4.0	350	10.50	0.16				937	X014c
IXYT 25N250CHV		95	25	4.0	350	10.50	0.16				937	X019a
IXYX 25N250CV1		95	25	4.0	350	10.50	0.16	•	30	0.32	937	X015a
IXYX 25N250CV1HV		95	25	4.0	350	10.50	0.16	•	30	0.32	937	X015c
IXYX 40N250CHV		154	40	4.0	250	11.50	0.10				1500	X015c

X011c TO-263ABHV



X014a TO-247AD



X014c TO-247HV



Outline drawings
on pages O-36...O-59

X015a PLUS247



X015c PLUS247 HV



X019a TO-268AAHV



X027a SOT-227B miniBLOC



X020a TO-264



X022e ISOPLUS264™



X024c ISOPLUS i4-PAC™

