








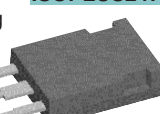

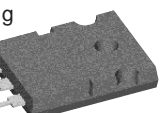
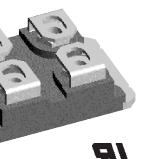
Switch Mode MOSFETs



DE Series (DE Package)

Part Number	Configuration	B_{VDSS} V	ID A	$R_{DS(ON)}$ Ω	$T_{R(ON)}$ ns	C_{ISS} pF	C_{OSS} pF	C_{RSS} pF	PD W	Fig. No.	Package style Outline drawings on page O-29
100V (max) Switch Mode MOSFETS											
DE150-101N09A	SINGLE	100	9	0.16	4	800	200	30	200	D1	D1 Weight = 2 g 
DE275-101N30A	SINGLE		30	0.05	5	2500	500	100	270	D2	
200V (max) Switch Mode MOSFETS											
DE150-201N09A	SINGLE	200	15	0.2	4	700	150	20	200	D1	D2 Weight = 2 g 
DE275-201N25A	SINGLE		25	0.08	5	2500	250	50	590	D2	
500V (max) Switch Mode MOSFETS											
DE150-501N04A	SINGLE	500	4.5	1.5	4	700	90	5	200	D1	D3 Weight = 4 g 
DE275-501N16A	SINGLE		16	0.4	2	1800	150	40	590	D2	
DE275X2-501N16A	PUSH-PULL		16	0.38	2	1800	150	45	1180	D3	D4 Weight = 3 g 
DE375-501N21A	SINGLE		25	0.22	3	2000	200	45	940	D4	
DE475-501N44A	SINGLE		44	0.11	5	5500	230	130	1800	D5	
1000V (max) Switch Mode MOSFETS											
DE150-102N02A	SINGLE	1000	2	7.8	4	500	150	3	200	D1	D5 Weight = 3 g 
DE275-102N06A	SINGLE		8	1.6	2	1800	130	25	590	D2	
DE275X2-102N06A	PUSH-PULL		16	1.6	2	1800	130	25	1180	D3	X014a Weight = 6 g 
DE375-102N10A	SINGLE		10	1.2	3	2900	100	25	940	D4	
DE375-102N12A	SINGLE		12	0.95	3	2000	150	30	940	D4	
DE475-102N20A	SINGLE		20	0.6	5	5600	175	50	1800	D5	
DE475-102N21A	SINGLE		24	0.41	5	5500	200	60	1800	D5	

F Series (Industry Standard Packages)

Part Number	Configuration	B_{VDSS} V	ID A	$R_{DS(ON)}$ Ω	$T_{R(ON)}$ ns	C_{ISS} pF	C_{OSS} pF	C_{RSS} pF	PD W	Fig. No.	Package style Outline drawings on page O-29	
200V (max) Switch Mode MOSFETS												
IXFH60N20F	SINGLE	200	60	0.038	14	2930	940	320	315	X014a	X015a Weight = 5 g 	
IXFT60N20F	SINGLE		60	0.038	14	2930	940	320	315	X019		
500V (max) Switch Mode MOSFETS												
IXFH12N50F	SINGLE	500	12	0.4	14	1870	290	90	180	X014a	X016a Weight = 5 g 	
IXFT12N50F	SINGLE		12	0.4	14	1870	290	90	180	X019		
IXFH21N50F	SINGLE		21	0.25	12	2600	470	160	300	X014a	X019 Weight = 4 g 	
IXFT21N50F	SINGLE		21	0.25	12	2600	470	160	300	X019		
IXFH28N50F	SINGLE		28	0.19	13	3000	500	130	315	X014a		
IXFT28N50F	SINGLE		28	0.19	13	3000	500	130	315	X019	X020a Weight = 10 g 	
IXFK44N50F	SINGLE		44	0.12	18	5500	990	330	500	X020a		
IXFX44N50F	SINGLE		44	0.12	18	5500	990	330	500	X015a		
IXFK55N50F	SINGLE		55	0.085	20	6700	1250	330	560	X020a		
IXFN55N50F	SINGLE		55	0.085	20	6700	1250	330	600	X027a		
IXFX55N50F	SINGLE		55	0.085	20	6700	1250	330	560	X015a		
1000V (max) Switch Mode MOSFETS												
IXFH6N100F	SINGLE		1000	6	1.9	14	1870	190	60	180	X014a	X027a Weight = 30 g 
IXFT6N100F	SINGLE			6	1.9	14	1870	190	60	180	X019	
IXFH12N100F	SINGLE	12		1.05	12	2700	305	93	300	X014a		
IXFR12N100F	SINGLE	12		1.05	12	2700	305	93	300	X016a		
IXFT12N100F	SINGLE	12		1.05	12	2700	305	93	300	X019		
IXFK21N100F	SINGLE	21		0.5	16	5500	640	190	500	X020a		
IXFX21N100F	SINGLE	21		0.5	16	5500	640	190	500	X015a		
IXFK24N100F	SINGLE	24		0.39	18	6600	760	230	560	X020a		
IXFN24N100F	SINGLE	24		0.39	18	6600	760	230	600	X027a		
IXFX24N100F	SINGLE	24		0.39	18	6600	760	230	560	X015a		