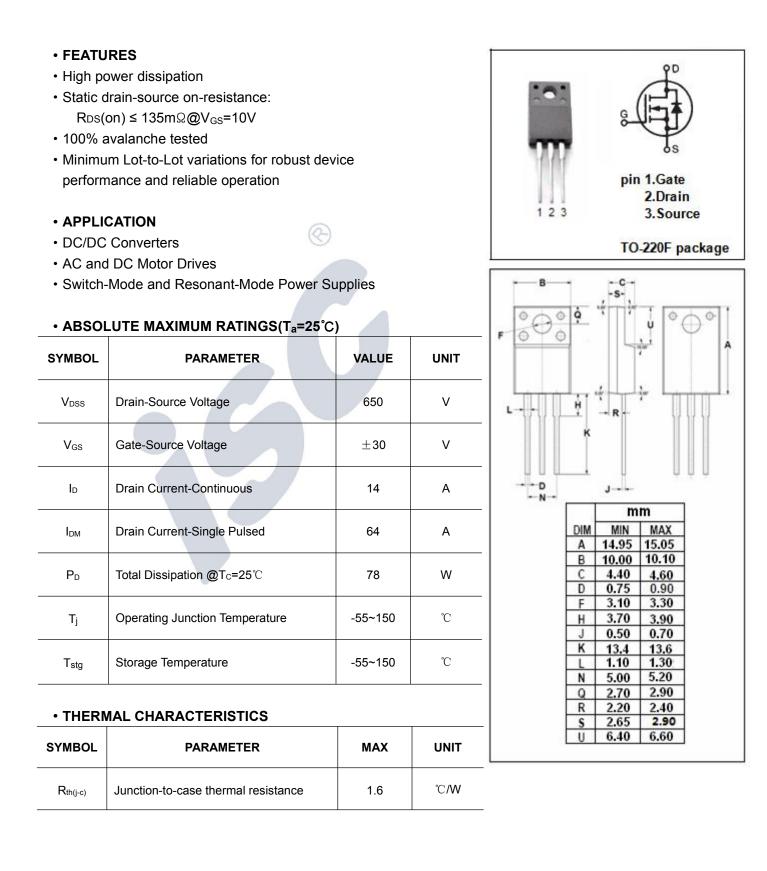


INCHANGE SEMICONDUCTOR

isc N-Channel MOSFET Transistor

IXTP32N65XM



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isc N-Channel MOSFET Transistor

IXTP32N65XM

ELECTRICAL CHARACTERISTICS

$T_{\text{C}}\text{=}25\,^\circ\!\!\!\mathrm{C}$ unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	ТҮР	МАХ	UNIT
BV _{DSS}	Drain-Source Breakdown Voltage	V _{GS} =0V; ID = 250 μ A	650			V
$V_{GS(th)}$	Gate Threshold Voltage	V _{DS} =V _{GS} ; ID = 250 μ A	3		5.5	V
R _{DS(on)}	Drain-Source On-Resistance	V _{GS} =10V; I _D = 16A			135	mΩ
I _{GSS}	Gate-Source Leakage Current	V_{GS} = ±30V; V_{DS} =0V			±100	nA
I _{DSS}	Drain-Source Leakage Current	V _{DS} = V _{DSS} ; V _{GS} = 0V			5	- μΑ
		V _{DS} = V _{DSS} ; V _{GS} = 0V;TJ= 125℃			50	
V_{SD}	Diode forward voltage	I _F = 32A; V _{GS} = 0V			1.4	v

NOTICE:

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