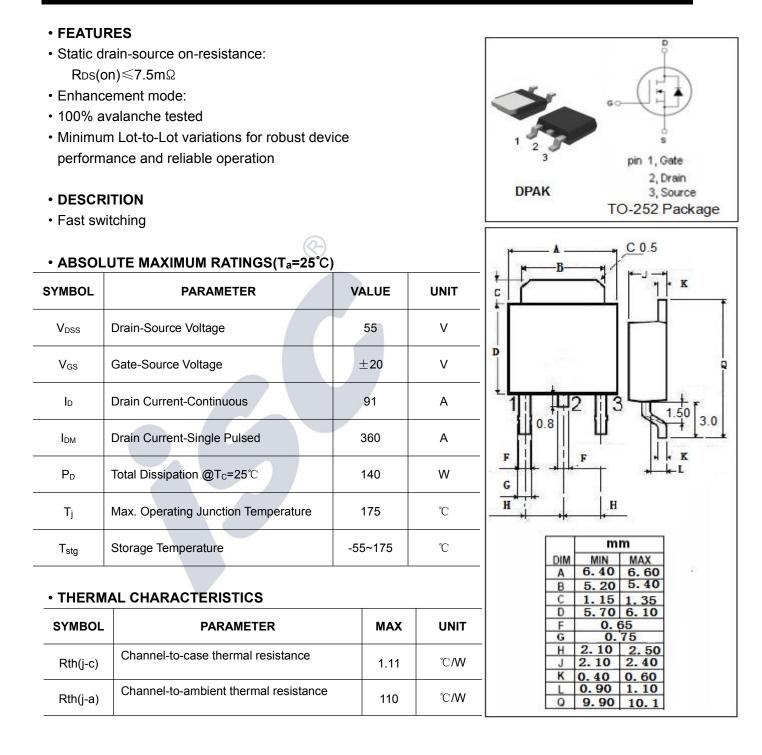


INCHANGE SEMICONDUCTOR

isc N-Channel MOSFET Transistor

IRFR1010Z, IIRFR1010Z





isc N-Channel MOSFET Transistor IRFR1010Z, IIRFR1010Z

ELECTRICAL CHARACTERISTICS

T_c=25℃ unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	ТҮР	МАХ	UNIT
BV _{DSS}	Drain-Source Breakdown Voltage	V _{GS} =0V; I _D =250 μ A	55			V
V _{GS} (th)	Gate Threshold Voltage	VDS=VGS; I _D =100 µ A	2		4	V
R _{DS(on)}	Drain-Source On-Resistance	V _{GS} =10V; I _D =42A			7.5	mΩ
I _{GSS}	Gate-Source Leakage Current	V _{GS} = ±20V			±0.2	μA
I _{DSS}	Drain-Source Leakage Current	V _{DS} =55V; V _{GS} = 0V			20	μA
V _{SD}	Diode forward voltage	I _s =42A, V _{GS} = 0V			1.3	V

NOTICE:

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