

PRELIMINARY DATA

ELECTRICAL CHARACTERISTICS

Parameter	Test Conditions	Min.	Typ.	Max.	Units
I_R Reverse Leakage Current	$V_R = 800V$ $T_J = 25^\circ C$			250	μA
	$V_R = 800V$ $T_J = 125^\circ C$			7	mA
V_F Forward Voltage	$I_F = 36A$		$T_J = 25^\circ C$	2	V
			$T_J = 125^\circ C$	2.4	
t_{rr} Reverse Recovery Time	$I_F = 1A$ $di/dt = -15A/\mu s$	$V_R = 30V$ $T_J = 25^\circ C$		50	ns
I_{RM} Peak Reverse Current	$I_F = 30A$ $di_F/dt = -240A/\mu s$ $L \leq 0.05\mu H$	$V_R = 540V$ $T_J = 100^\circ C$		18	A
$R_{\theta JC}$ Thermal Resistance Junction – Case			TBA		$^\circ C/W$
$R_{\theta JA}$ Thermal Resistance Junction – Ambient			TBA		