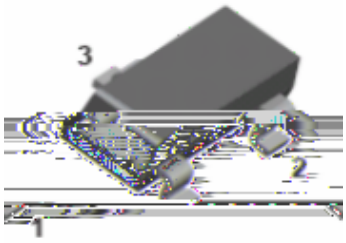
DAN217

RoHS
COMPLIANT

Moisture sensitivity level 1
Reverse voltage 80V
Aver I t I R I D R I



T-23 SO

Signal switching
High frequency rectifier

■ (T_a=25 Unless otherwise specified)

Device marking code			BA1
Repetitive peak reverse voltage	V_{RRM}	V	urrent @ t=8.3ms half-sine wave

	FSM	A	1
Non-repetitive Surge peak forward current @ t=1ms square wave			1
Power dissipation	P_D	mW	200
Junction temperature	T_J		-55 to +150
Storage temperature	T_{STG}		-55 to +150

■ (Ta=25 Unless otherwise specified)

Reverse voltage	V_R	V	I_R=100uA	80		
Forward voltage	V_F	V	I_F=100mA			1.2
Reverse leakage current	I_R	uA	V_R=70V			0.1
Junction capacitance	Cj	pF	V_R=0V,f=1MHz			2
Reverse recovery time	Trr	ns	I_F=I_R=10mA Irr=0.1*IR, R_L=100Ω			4

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Thermal resistance, junction-to-ambient	$R_{\theta J-A}$(1)	/W	625
Thermal resistance, junction-to-case	$R_{\theta J-C}$(1)	/W	500

Note:

1 Device mounted on PCB, single-sided copper with standard footprint

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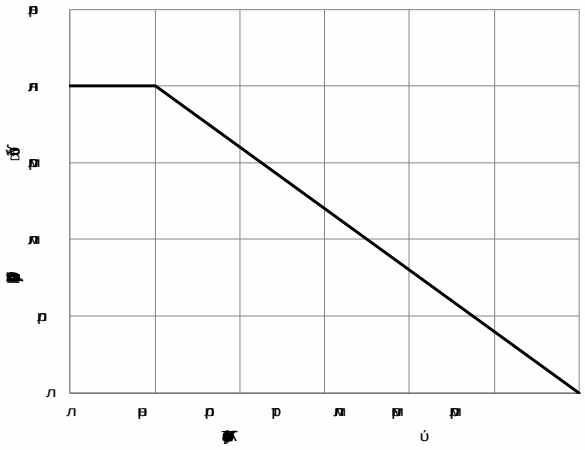

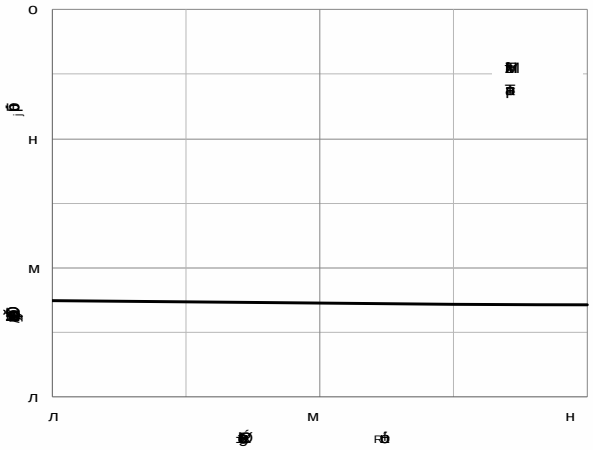

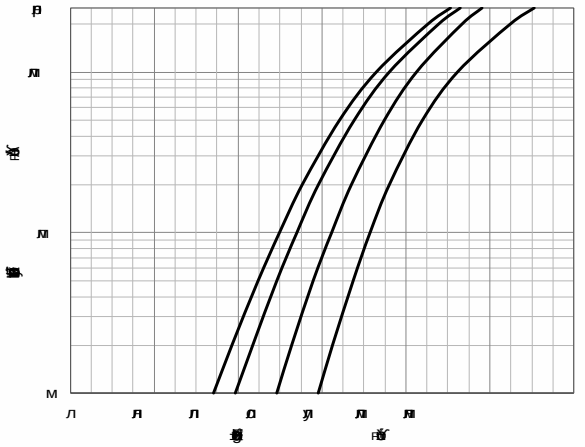

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