查询MA784供应商 Schottky Barrier Diodes (SBD)

MN 0 1 2 4 1 世 D) 捷多邦,专业PCB打样工厂,241 世加急 **Panasonic**

MA2Z784 (MA784)

Silicon epitaxial planar type

For super high speed switching For small current rectification

Features

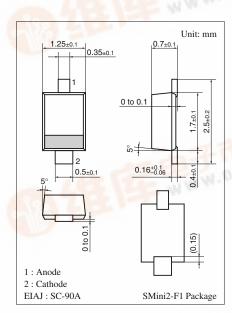
- High-density mounting is possible
- $I_{F(AV)} = 100$ mA rectification is possible
- Optimum for high frequency rectification because of its short reverse recovery time (t_{rr})
- \bullet Low forward voltage $V_{\rm F}$ and good rectification efficiency
- S-Mini type 2-pin package

Absolute Maximum Ratings $T_a = 25^{\circ}C$

Parameter	Symbol	Rating	Unit
Reverse voltage (DC)	V _R	30	V
Repetitive peak reverse-voltage	V _{RRM}	30	V
Peak forward current	I _{FM}	300	mA
Average forward current	I _{F(AV)}	100	mA
Non-repetitive peak forward-s surge-current *	I _{FSM}	1	А
Junction temperature	Tj	125	°C
Storage temperature	T _{stg}	-55 to +125	°C

Note) *: The peak-to-peak value in one cycle of 50 Hz sine wave (non-repetitive)

Electrical Characteristics $T_a = 25^{\circ}C$

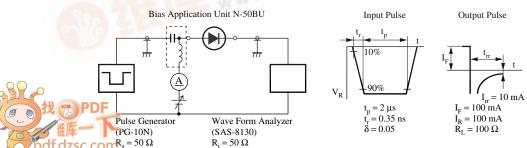


Marking Symbol: 2D

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I _R	V _R = 30 V			15	μΑ
Forward voltage (DC)	V _F	$I_F = 100 \text{ mA}$			0.55	V
Terminal capacitance	Ct	$V_R = 0 V, f = 1 MHz$		20	28	pF
Reverse recovery time *	t _{rr}	$I_{\rm F} = I_{\rm R} = 100 \text{ mA}$		2.0	- W	ns
		$I_{rr} = 10 \text{ mA}, R_L = 100 \Omega$	TE	1. 1. 100		

Note) 1. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body

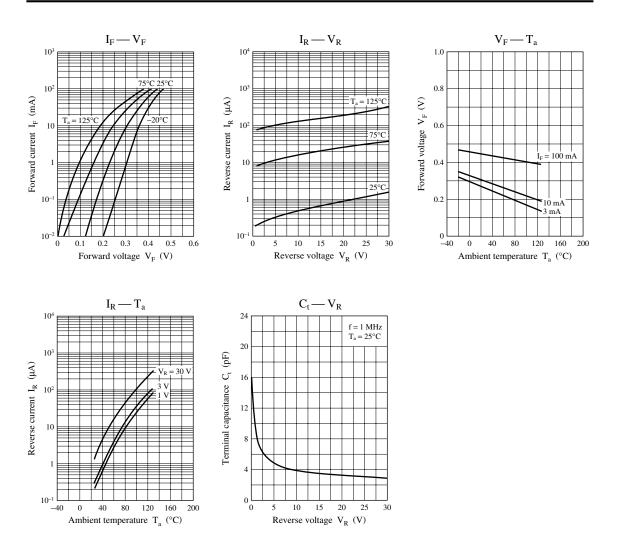
- and the leakage of current from the operating equipment.
- Rated input/output frequency: 250 MHz
 *: t_{rr} measuring instrument



Note) The part number in the parenthesis shows conventional part number.

MA2Z784

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