



# BAV23A/C/S

RoHS  
COMPLIANT



- z Moisture sensitivity level 1
- z Reverse voltage 250V
- z Average forward current 225mA
- z Signal switching
- z High frequency rectifier

- z SOT-23
- z Tin plated leads, solderable per J-STD-002 and JESD22-B102

(T<sub>a</sub>=25 Unless otherwise specified)

			BAV23A	KT7
Device marking code			BAV23C	KT6
			BAV23S	KL31
Repetitive peak reverse voltage	V <sub>RRM</sub>	V	250	
Forward current, per leg	I <sub>F</sub>	mA	225	
Repetitive peak forward current @T 1ms,duty:25%	I <sub>FRM</sub>	mA	625	
Non-repetitive surge peak forward current @ t=8.3ms half-sine wave	I <sub>FSM</sub>	A	1.7	
Non-repetitive surge peak forward current @ t=1us square wave			4	
Power dissipation	P <sub>D</sub>	mW	350	
Junction temperature	T <sub>J</sub>	-	-55 to +150	
Storage temperature	T <sub>STG</sub>	-	-55 to +150	



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BAV23C	F2	Approximate 0.008	3000	30000	120000	7" reel
BAV23C	F4	Approximate 0.008	10000	/	210000	13" reel



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