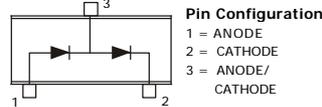
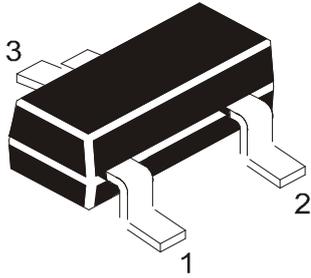


SILICON SCHOTTKY DIODE

UBMS10BC



SOT-23 Formed SMD Package

Marking: ACS

Dual Schottky Diode, in Series

ABSOLUTE MAXIMUM RATINGS

DESCRIPTION	SYMBOL	VALUE	UNIT
Peak Repetitive Reverse Voltage	V_{RRM}	40	V
Mean Rectifying Current	I_O	100	mA
Peak Surge Forward Current	I_{FSM}	1.0	A
Power Dissipation	P_D	350	mW
Operating and Storage Junction Temperature Range	T_j, T_{stg}	- 55 to +125	°C

ELECTRICAL CHARACTERISTICS (Ta=25°C unless specified otherwise)

DESCRIPTION	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Forward Voltage	V_F	$I_F=100mA$			0.6	V
Reverse Current	I_R	$V_R=40V$			5.0	μA
Breakdown Voltage	V_R	$I_R=100\mu A$	40			V
Diode Capacitance	C_T	$V_R=10V, f=1MHz$		8.0		pF

Disclaimer

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