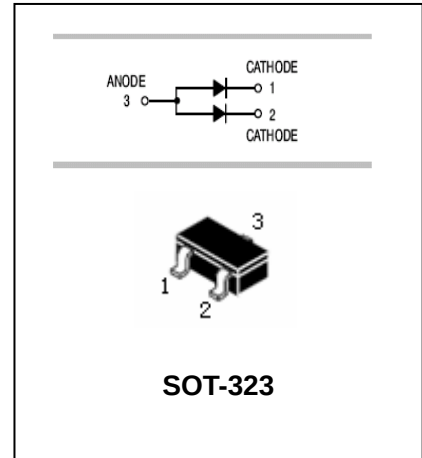


Surface mount switching diode

DAP202U

FEATURES

- For types of packaging are available.
- High speed.
- Suitable for high packing density layout.
- High reliability.



APPLICATIONS

- High speed switching application.

ORDERING INFORMATION

Type No.	Marking	Package Code
DAP202U	P	SOT-323

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Limits	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	80	V
Working peak reverse voltage	V_{RWM}		
DC Reverse Voltage	V_R		
Forward Continuous Current	I_F	300	mA
Average forward current	I_O	100	mA
Power Dissipation	P_d	200	mW
Operating Junction Temperature Range	T_j	150	°C
Storage Temperature Range	T_{STG}	-55 to +150	°C

ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Min	MAX	UNIT	Test Condition
Reverse Breakdown Voltage	$V_{(BR)R}$	80	-	V	$I_R = 100\mu A$
Forward Voltage	V_F	-	1.2	V	$I_F = 100mA$
Reverse Leakage Current	I_R	-	0.1	μA	$V_R = 70V$
Diode Capacitance	C_D	-	3.5	pF	$V_R = 6V, f = 1MHz$
Reverse Recovery Time	t_{rr}	-	4	ns	$I_F = 5mA, V_R = 6V$