



ACE2272KB

N- Channel Enhancement Mode Power MOSFET

Features

- High density cell design for Low $R_{DS(on)}$
- Voltage controlled small signal switch
- Rugged and reliable
- High saturation current capability
- ESD protected

$V_{(BR)DSS}$	$R_{DS(on)MAX}$	ID
60 V	5 Ω @10V	340mA
	5.3 Ω @4.5V	

Applications

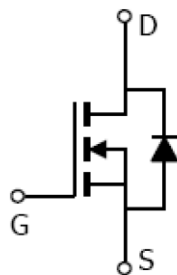
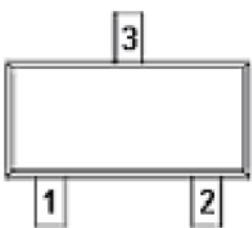
- Load Switch for Portable Devices
- DC/DC Converter

Absolute Maximum Ratings @TA=25°C unless otherwise noted

Symbol	Parameter	Rating	Unit
V_{DS}	Drain-Source Voltage	60	V
V_{GS}	Gate-Source Voltage	± 20	V
I_D	Continuous Drain Current	340	mA
I_{DM}	Pulsed Drain Current(note1)	800	mA
P_D	Power Dissipation	0.2	W
T_j	Junction Temperature	150	°C
T_{stg}	Storage Temperature	-55~150	°C
$R_{\theta JA}$	Thermal Resistance from Junction to Ambient	625	°C /W

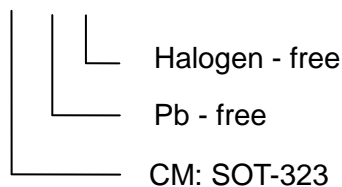
Packaging Type

SOT-323



Ordering information

ACE2272KB XX + H





ACE2272KB

N- Channel Enhancement Mode Power MOSFET

Notes

ACE does not assume any responsibility for use as critical components in life support devices or systems without the express written approval of the president and general counsel of ACE Technology Co., LTD. As sued herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.
2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

ACE Technology Co., LTD.
<http://www.ace-ele.com/>