

# KEY接口

## ESD保護方案

MSKSEMI 美森科  
SEMICONDUCTOR



### KEY概述

KEY overview

靜電在日常生活中是無處不在，我們的身上和周圍就帶有很高的靜電電壓。靜電的危害對消費類電子設備有重大影響，故手機中按鍵部位、接口部位、以及觸摸屏等防靜電是非常有必要的。這也是手機產品需要關注的基本性能，ESD性能將直接影響手機產品的電氣性能甚至使用壽命

Static electricity is ubiquitous in our daily life, and there is a high electrostatic voltage on and around our body. The hazard of static electricity has a significant impact on consumer electronic equipment, so it is very necessary to prevent static electricity in the key parts, interface parts, and touch screens of mobile phones. This is also the basic performance that mobile phone products need to pay attention to. ESD performance will directly affect the electrical performance and even the service life of mobile phone products.

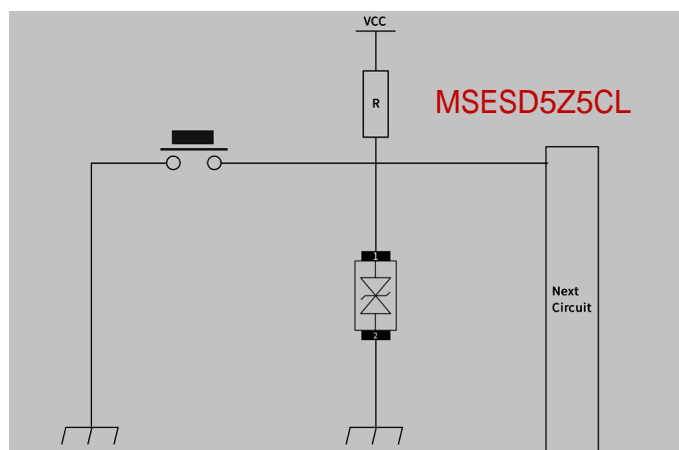
### 測試標準

standard test

IEC61000-4-2 ( ESD ) :15KV ( air ) ;  
8KV ( contact )

### 應用框圖

Application block diagram



### 建议产品

Suggested Products

型號：MSED5Z5CL  
model

封装：SOD-523  
Encapsulation