

30V Small-Signal MOSFET with Built-in ESD Diode

30V N-CHANNEL MOSFET



Features

- ESD HBM Class 1C rating
- Compact, plastic leadless DFN1006-3 package
- Low gate threshold voltage
- Low gate leakage
- Low input capacitance



Benefits

ESD HBM Class 1C rating ensures superior protection against electrostatic discharge, enhancing the overall reliability.

Package measuring only 1.0 mm x 0.6 mm x 0.5 mm optimizes space-restricted designs.

Applications



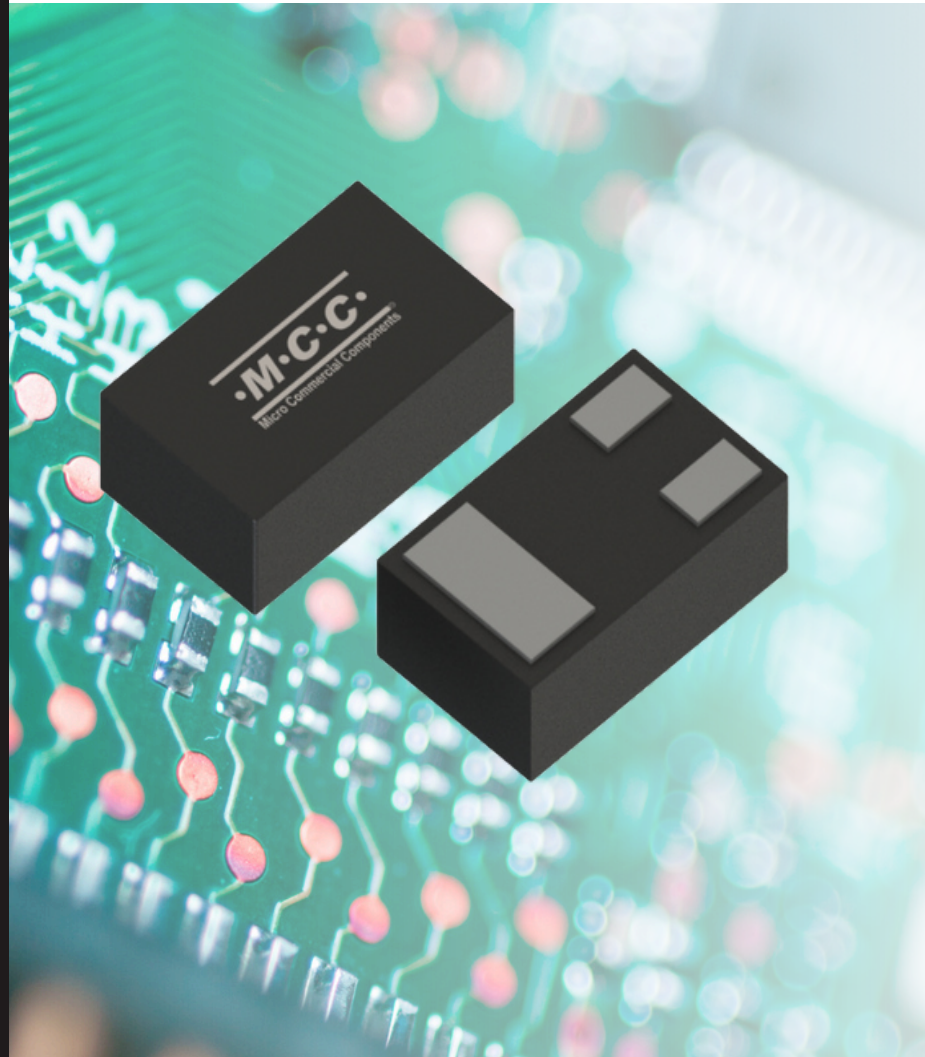
Load switching
in portable
devices



Power
management
circuits

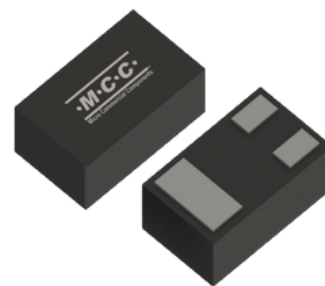


Signal routing
and
amplification



Ultra-Compact Package, Ultimate Performance

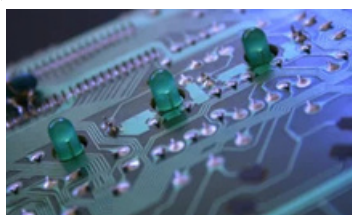
Versatile Component with Enhanced Reliability



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage V_{DS}	Gate Threshold Voltage (min.) $V_{GS(th)}$	Mounting Type	Datasheet
MC3541KL3	Small Signal MOSFET	DFN1006-3	30V	0.8V	Surface-Mount (SMD)	Info

Applications:



Consumer Electronics

- Load switching in portable devices
- Small signal amplification
- Relay drivers



IoT Devices

- Power management circuits
- Signal-switching applications



Industrial Automation

- Control circuits for sensors and actuators
- Low-power switching applications



Communications

- Signal routing and amplification

CONTACT MCC TO REQUEST A SAMPLE

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