

Press Release

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First Transient Voltage Suppressor in MiniMELF!

*Replaces larger devices in SOD-87 and MELF
at 150 W peak pulse power*

TGL34 series of Diotec is claimed to be the first
Transient Voltage Suppressor (TVS) in
MiniMELF case (SOD-80/DO-213AA).

It allows peak pulse power dissipation of 150 W for
a standard 10/1000 μ s pulse and is available
with breakdown voltages from 6.8 to 200 V.
Unidirectional as well as bidirectional types can be ordered.



These new parts save space and cost in every electronic circuit
which must be protected against overvoltage spikes, e. g. in
sensor and telecom applications. Replacement of larger and
more expensive overvoltage protection devices in SOD-87 is
possible due to pin as well as power compatibility!

The TGL34 can even replace more powerful diodes like the
400 W TGL41 in MELF package (DO-213AB), if space requirement
and price is more important than peak pulse power.

