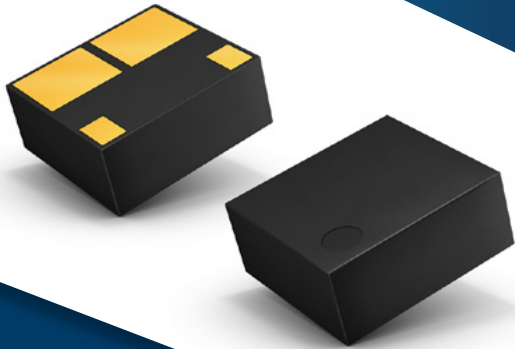


Ultra Miniature MOSFET Relay

PhotoMOS Series TSON type

Panasonic
INDUSTRY



Key Features

- Ultra small TSON package
- 1FormA and 1FormB types available
- Low On resistance
- Low output capacitance
- Voltage sensitive input
- High temperature range up to +105°C
- Linear output characteristics
- High reliability and unlimited switching cycles
- AC/DC switching
- Up to 60V AC/DC switching



Get the new PhotoMOS® App!

Ultra miniature TSON package contributes to space savings

The new capacitive coupled TSON MOSFET relays belong to the successful series of so-called Low CxR PhotoMOS®. These relays have an optimized, very low product of C and R of the output transistors. In contrast to the well-known PhotoMOS® the galvanic isolation of the TSON relays between input and output is not optical but capacitive. This offers not only a much smaller design but also considerable advantages in the temperature range, the drive power and the switching times. Thus, the new TSON relays can be operated up to +105°C ambient temperature. The current required for control is typically at low 0.2mA and the input can be operated directly with voltages of typ. 3-5V. A series resistor as required by PhotoMOS is therefore no longer necessary.



Measurement Equipment

- ATE
- Multimeter
- Multiplexer



Telecommunication

- Telephone Line Test Equipment
- Router & Switches
- Control Unit I/O



Medical equipment

- Ultrasonic
- X-Ray
- CT



For further Information, please contact info@eu.panasonic.com