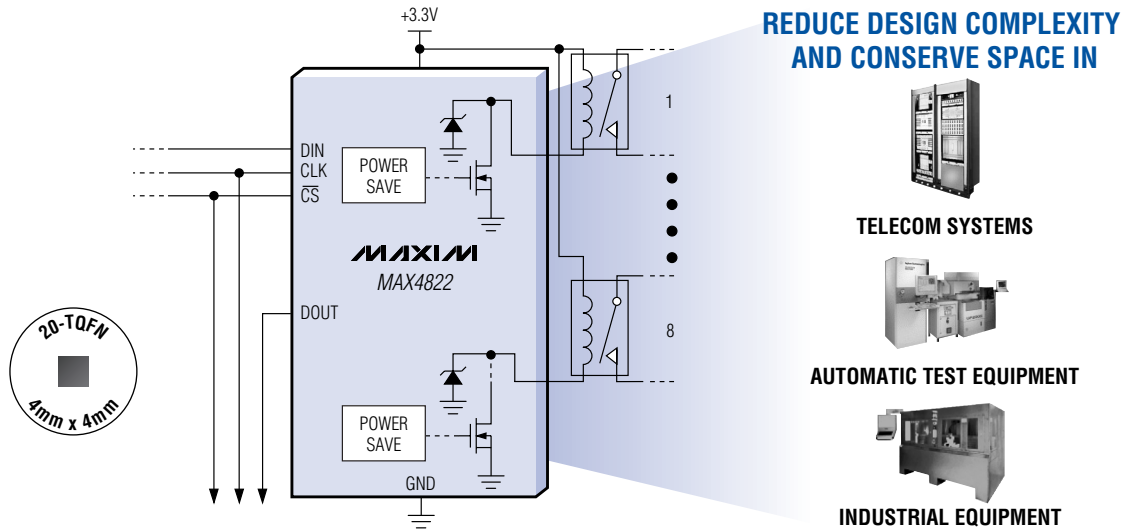


# OCTAL 3V/5V RELAY DRIVERS HAVE FAST 10MHz SPI INTERFACE AND REDUCE POWER CONSUMPTION BY 70%

12V, Integrated Kick-Back Clamp Cuts Relay Turn-Off Time in Half vs. Standard Free-Wheeling Diode to the Rail



## Advanced Features

- ◆ Programmable Power-Save Mode  
Reduces Relay Power Consumption Up to 70%
- ◆ Fast, 10MHz SPI™ Interface

## Optimized for Low-Voltage Relays

- ◆ Drive 3V/5V Relays
- ◆ Low 4Ω (max) R<sub>ON</sub>

## Robust Protection

- ◆ 12V Integrated Clamp Reduces Relay Turn-Off Time

## Space Savings

- ◆ 4mm x 4mm, 28-Pin QFN
- ◆ Replace Up to 17 Discrete Devices

Part	No. of Channels	Max R <sub>ON</sub> (Ω)	Interface	Supply Voltage (V)	Power-Save	12V Kick-Back Clamp	Package (mm x mm)
MAX4822	8	4	SPI	3.3/5.0	Yes	Yes	20-TQFN (4 x 4)
MAX4823	8	4	SPI	3.3/5.0	No	Yes	20-TQFN (4 x 4)
MAX4824	8	4	Parallel	3.3/5.0	Yes	Yes	20-TQFN (4 x 4)
MAX4825	8	4	Parallel	3.3/5.0	No	Yes	20-TQFN (4 x 4)

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