

800/1500 V MDmesh™ K5

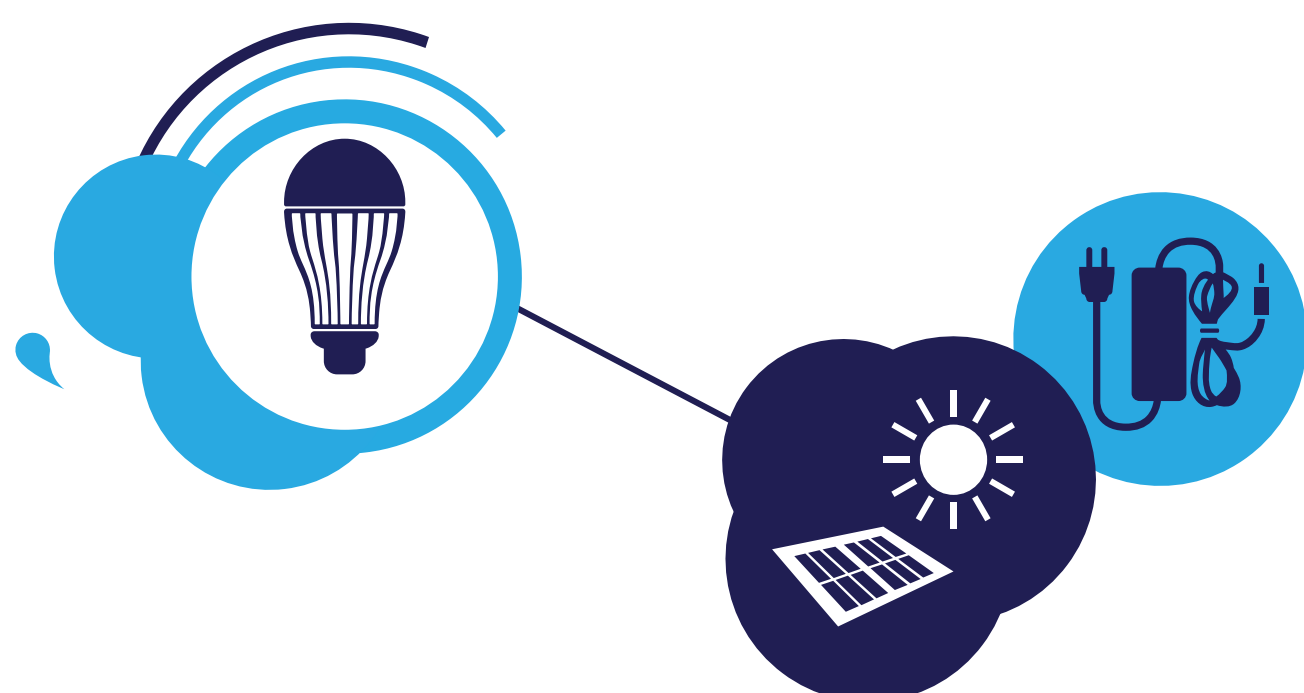
The First VHV super-junction MOSFET series



MDmesh™ K5, ST's best-in-class super-junction VHV MOSFET technology, boosts efficiency in high-voltage power supplies

KEY APPLICATIONS

- LED drivers
- LED lighting systems
- Power adapters
- Metering equipment
- Solar inverters
- Factory automation



KEY FEATURES

- Extremely good $R_{DS(on)}$ at very high BV_{DSS}
- High switching speed
- 800-1500 V BV_{DSS} rated
- Available in slim I²PAKFP package

KEY BENEFITS

- High efficiency with lower design complexity
- Industry's best figure of merit (FoM)
- Especially targeted for flyback LED driver topologies
- More compact design solution