

- **1400V Silicon MOS Controlled Thyristor (MCT) technology for high-voltage switches**
 - On/Off control via MOS drive, low forward voltage drop, high pulse current ($>1\text{kA}$), and di/dt ($>10\text{kA}/\mu\text{s}$)
 - Motor drivers, UPS (Uninterruptible Power Supply), Capacitor Discharge Ignition Systems, and electronic safety interlock devices for military use (Export License Items)
- **5000V/2200A Light Triggered Thyristor (LTT) Technology for HVDC (High Voltage Direct Current) and electromagnetic propulsion systems**
 - Large-area LTT technology with overvoltage self-protection features
($\text{BV}>5000\text{V}$, $\text{BVBO} \approx 5000\text{V}$, $\text{ITSM}>60\text{kA}$)
 - Core component for national industrial high-power devices, like HVDC and future electromagnetic propulsion systems and military applications, such as railguns (Export License Items)