



Advanced Semiconductor Performance and Reliability for **AC/DC Servo Drives**

Fuji Electric offers a variety of semiconductor solutions optimized for different size drive designs.



IPMs

Modules for small capacity drives.



PIMs, Dual XTs and IGBTs

Modules for medium capacity drives.



HPnCs and PrimePACK™

Modules for high capacity drives.

These products offer several distinct advantages for AC/DC Servo applications.

Compact Design

The miniaturization of Fuji Electric 7th Generation IGBTs allows for higher rated IGBT in the same size and smaller package enabling either a drive size reduction or higher-rated drive in existing form-factor.

Low Energy Loss

The improved efficiency of Fuji Electric's 7th Generation IGBTs enables higher efficiency drive design, increased performance and inverter energy savings.

High Reliability

Improved continuous high-temperature operation of Fuji Electric's 7th Generation IGBTs, TjOP up to 175C, enables increased power cycling capability contributing to increased drive output and longer drive life for improved system performance.

PrimePACK™ is a registered trademarks of Infineon Technologies AG.