





Small Intelligent Power Modules

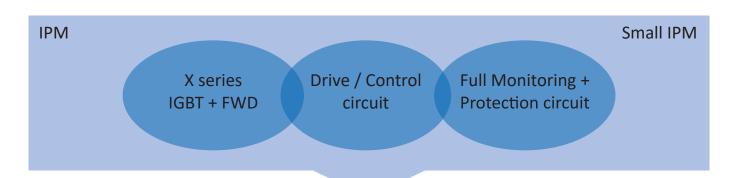
(Small IPM) with Fuji Electric's X-Series – 7G IGBT

FEATURES

- X series IGBT
- 600 V / 15 A to 35 A
- Driver / Ctrl + protection
- Alarm + temp sensor outputs
- Bootstrap circuit for high side power supply
- 6 in 1/full inverter section
- Suited for both consumer and industrial application

High-side upply voltage V_{CCH} Bias voltage VB_U Signal input IN_{HU} GND Comparison of the compar

Inverter 6 in 1



- Easier Design Phase
- Smaller Form Factor
- Higher Efficiency
- Higher Reliability



Fuji Electric Corp of America

50 Northfield Avenue, Edison, NJ 08837

Tel: +1 732-952-8146 | email: x-fea-semi-group@fujielectric.com americas.fujielectric.com

Information in this datasheet is subject to change without notice.