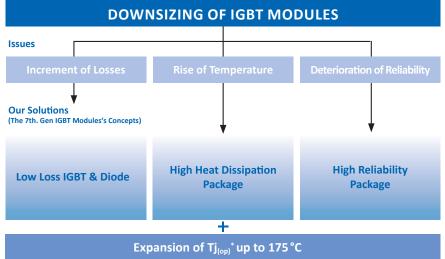




The 7th Generation Module's Concept

- Improved switching performance
- Reduced on-state voltage
- Enhanced power cycling capability
- Increased output power
- Tj(op), max=175°C
- Expanded current ratings
- High performance DCB substrates



*Tj(op): continous operating junction temperature

| Line-up Plan | | | |
|--|---------------|----------------|--|
| Thermistor Control of the Control of | 650 V | 10 A – 50 A | |
| | 1200 V | 10 A – 50 A | |
| Themistor of the old o | 650 V | 50 A – 200 A | |
| | 1200 V | 50 A – 200 A | |
| 7th Generation Power N DualXT | fodules 650 V | 150 A – 600 A | |
| | 1200 V | 100 A - 800 A | |
| | 1700 V | 75 A – 600 A | |
| | 3300 V | 450 A – 1500 A | |



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.