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Please note: As part of the Fairchild Semiconductor integration, some of the Fairchild orderable part numbers will need to change in order to meet ON Semiconductor's system requirements. Since the ON Semiconductor product management systems do not have the ability to manage part nomenclature that utilizes an underscore (_), the underscore (_) in the Fairchild part numbers will be changed to a dash (-). This document may contain device numbers with an underscore (_). Please check the ON Semiconductor website to verify the updated device numbers. The most current and up-to-date ordering information can be found at www.onsemi.com. Please email any questions regarding the system integration to Fairchild questions@onsemi.com.

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Typical Performance Characteristics

Figure 13. Turn-on Characteristics vs. Collector Current

Figure 14. Turn-off Characteristics vs. Collector Current

Figure 15. Turn off Switching SOA Characteristics

Typical Performance Characteristics

Figure 16. Transient Thermal Impedance of IGBT

