

**FUJI IGBT Modules U4-120 Series**  
 **$-V_{GE}$  vs. switching loss characteristics**

Sample: 1MBI400U4-120

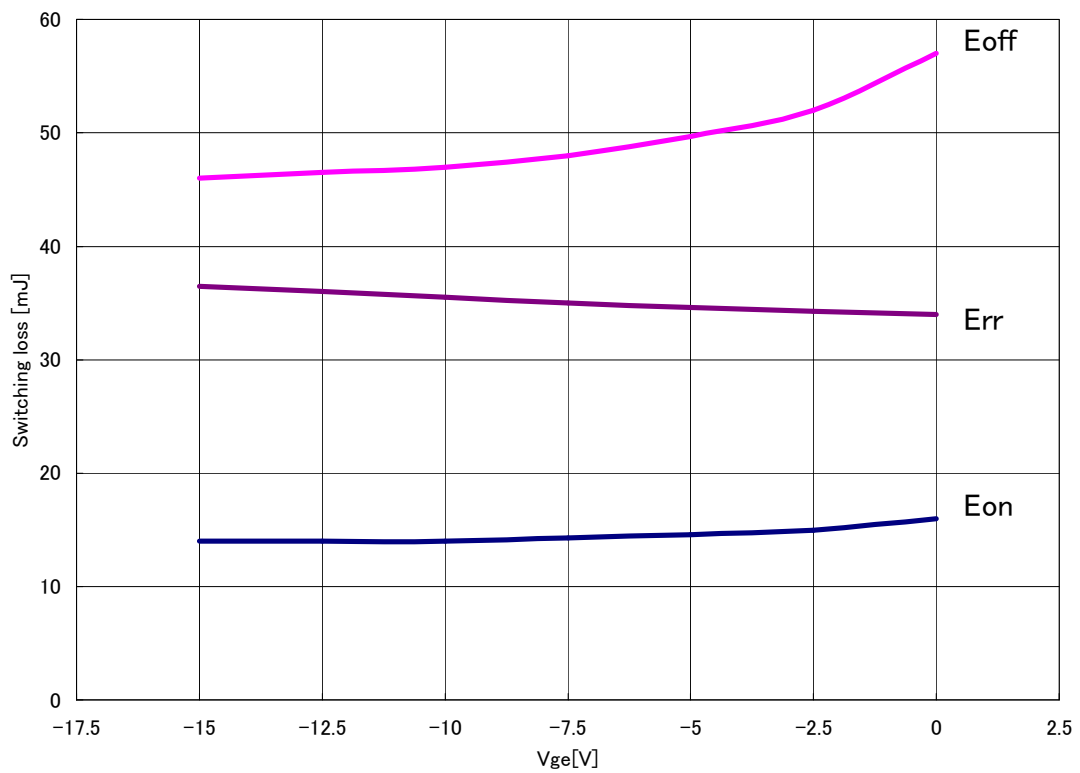
Conditions:  $T_j=125^\circ\text{C}$

$V_{DC}=600\text{V}$

$V_{GEon}=+15\text{V}$

$I_C=300\text{A}$

$R_G=2.2\ \Omega$



Technical documents | MT5F17044

2008-03-27

## WARNING

1. This Catalog contains the product specifications, characteristics, data, materials, and structures as of May 2011.  
The contents are subject to change without notice for specification changes or other reasons. When using a product listed in this Catalog, be sure to obtain the latest specifications.
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  - Computers
  - OA equipment
  - Communications equipment (terminal devices)
  - Measurement equipment
  - Machine tools
  - Audiovisual equipment
  - Electrical home appliances
  - Personal equipment
  - Industrial robots etc.
5. If you need to use a product in this Catalog for equipment requiring higher reliability than normal, such as for the equipment listed below, it is imperative to contact Fuji Electric Co., Ltd. to obtain prior approval. When using these products for such equipment, take adequate measures such as a backup system to prevent the equipment from malfunctioning even if a Fuji's product incorporated in the equipment becomes faulty.
  - Transportation equipment (mounted on cars and ships)
  - Trunk communications equipment
  - Traffic-signal control equipment
  - Gas leakage detectors with an auto-shut-off feature
  - Emergency equipment for responding to disasters and anti-burglary devices
  - Safety devices
  - Medical equipment
6. Do not use products in this Catalog for the equipment requiring strict reliability such as the following and equivalents to strategic equipment (without limitation).
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  - Aeronautic equipment
  - Nuclear control equipment
  - Submarine repeater equipment
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