



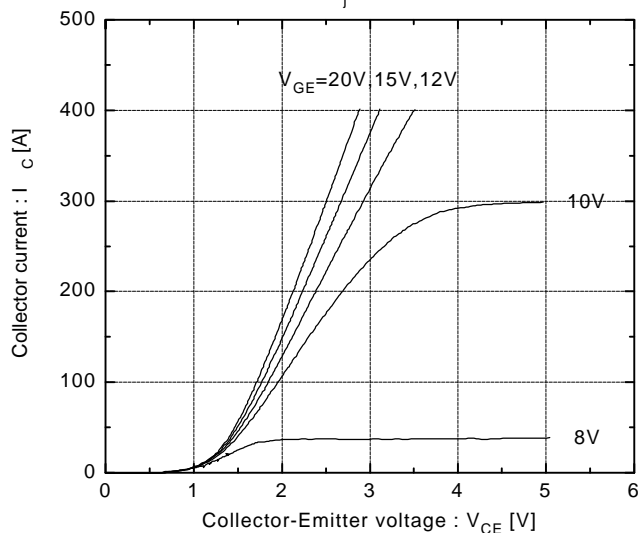


# 1MBI 200NK-060

**IGBT-Chopper**  
**600 V**  
**200 A**

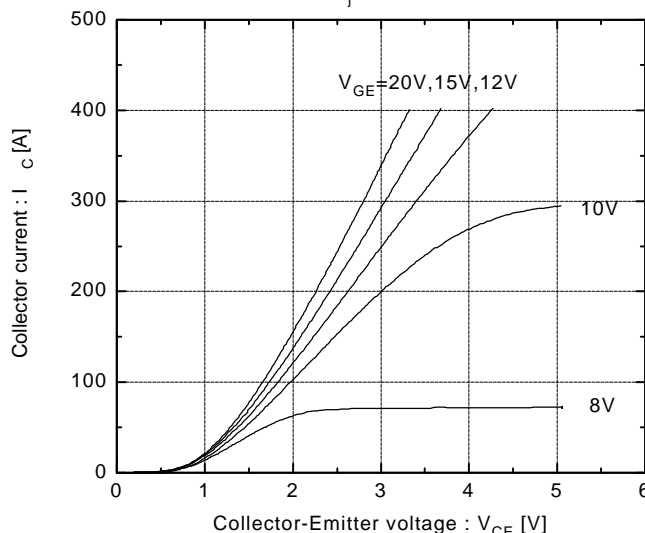
Collector current vs. Collector-Emittor voltage

$T_j=25^{\circ}\text{C}$



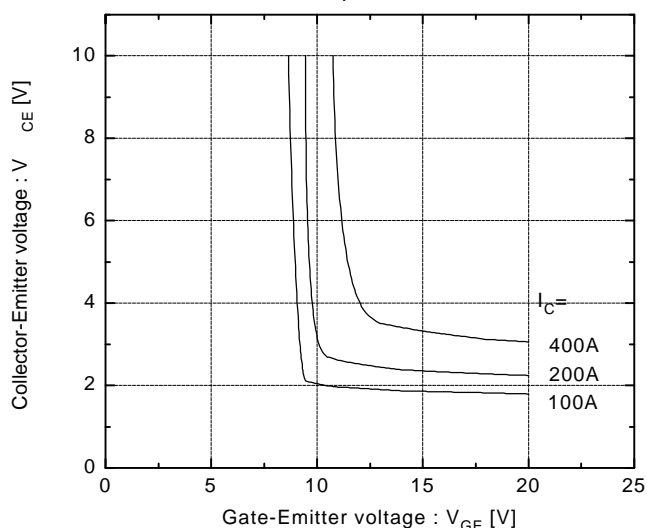
Collector current vs. Collector-Emittor voltage

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



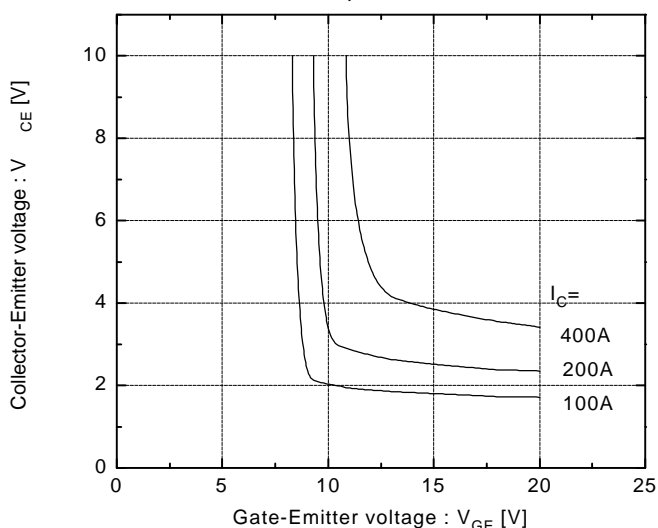
Collector-Emittor vs. Gate-Emittor voltage

$T_j=25^{\circ}\text{C}$



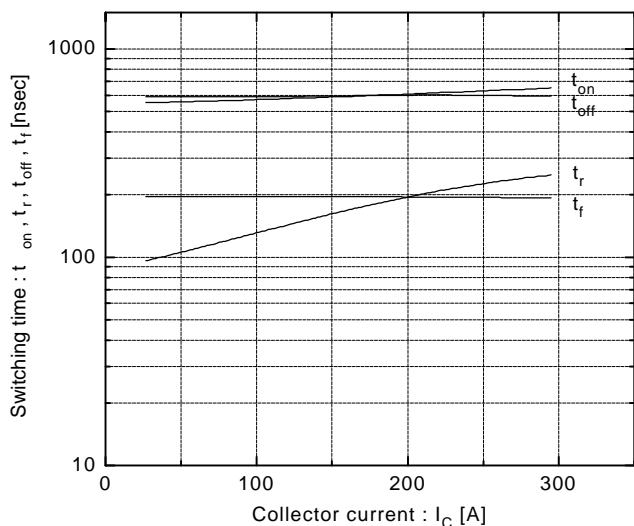
Collector-Emittor vs. Gate-Emittor voltage

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



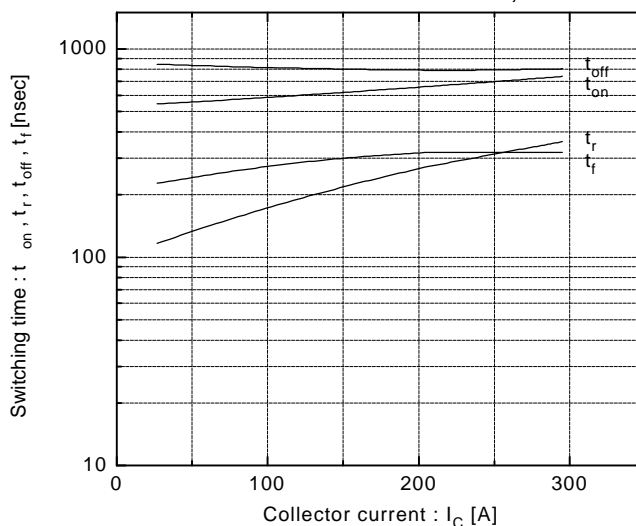
Switching time vs. Collector current

$V_{CC}=300\text{V}, R_G=9.1\Omega, V_{GE}=\pm 15\text{V}, T_j=25^{\circ}\text{C}$



Switching time vs. Collector current

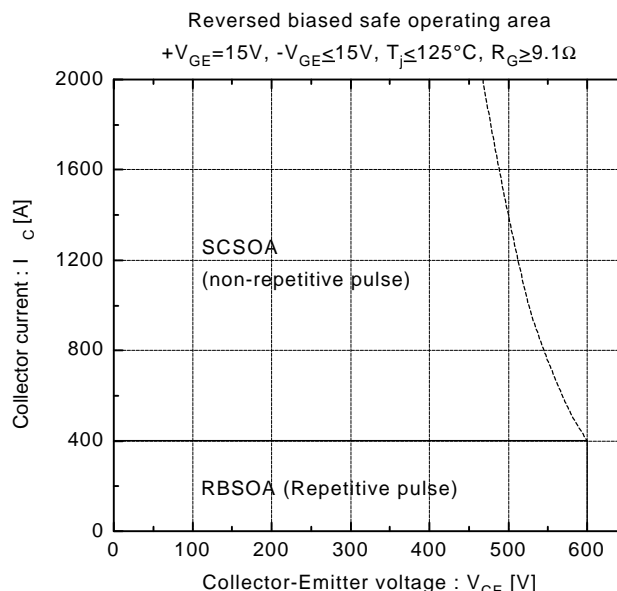
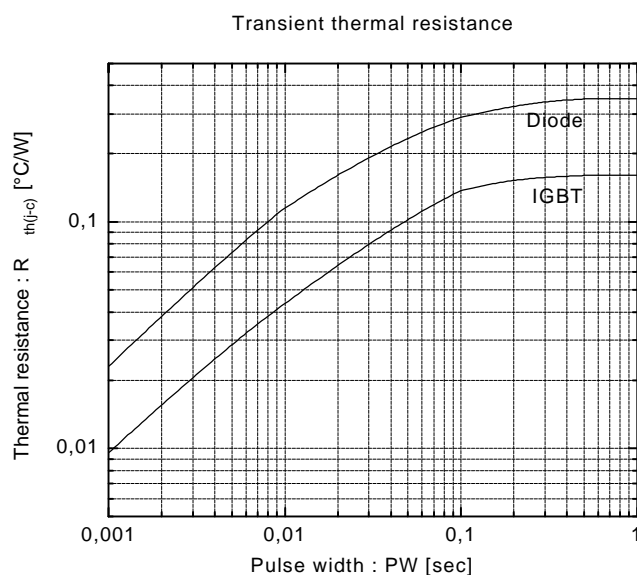
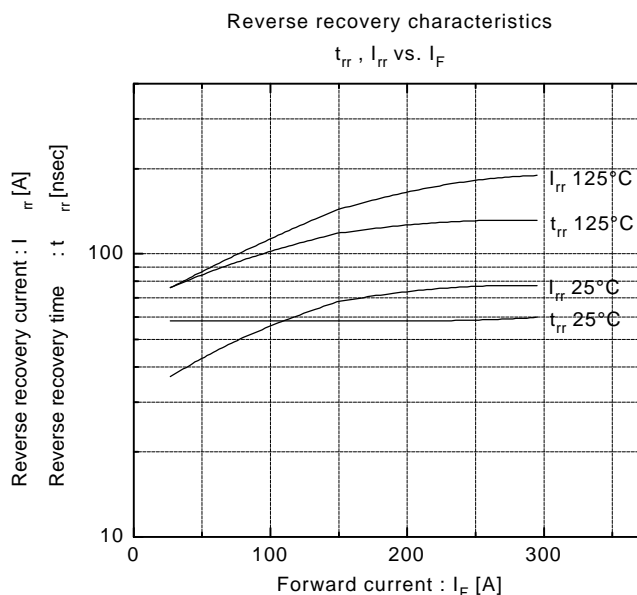
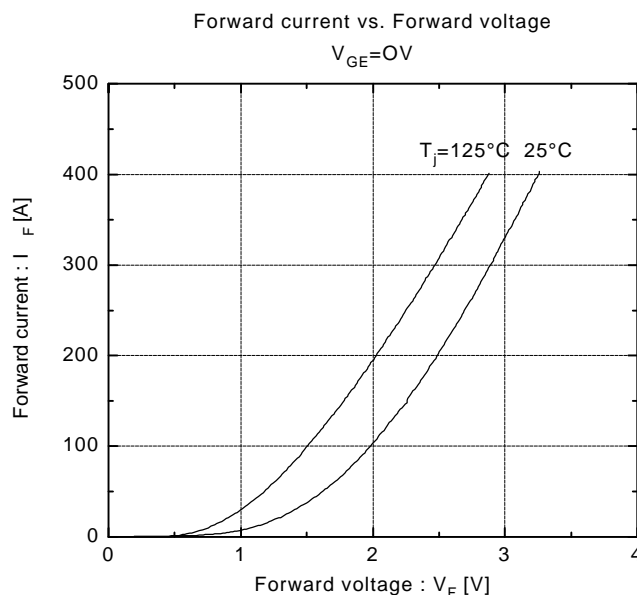
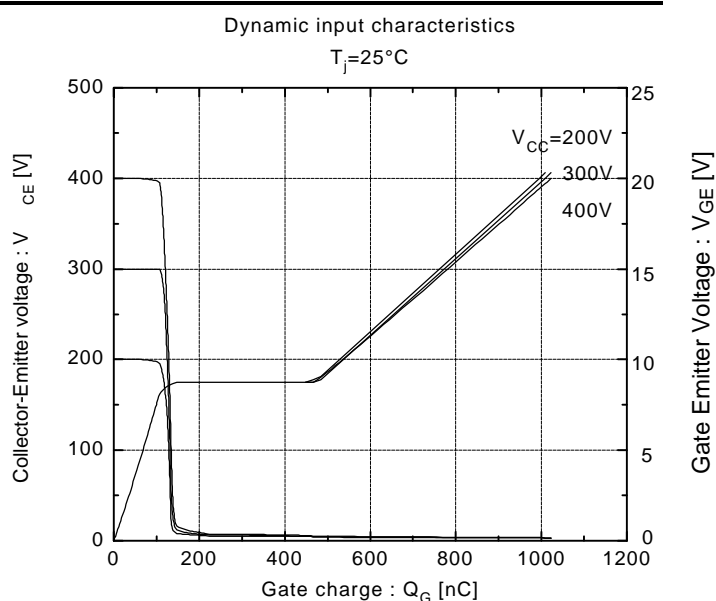
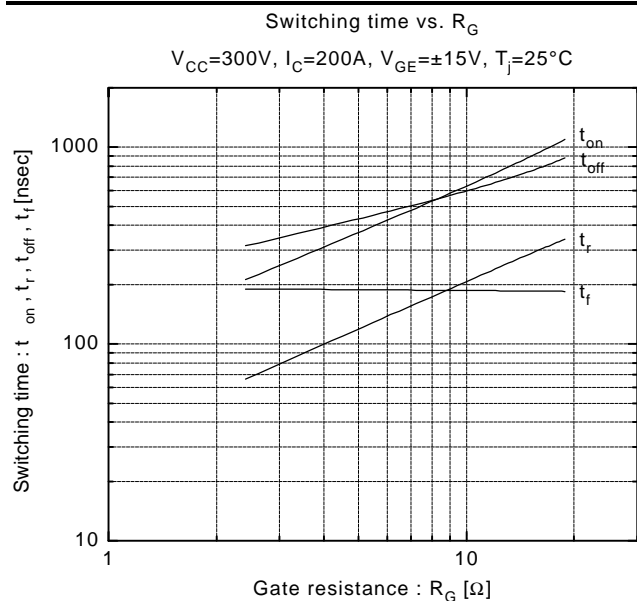
$V_{CC}=300\text{V}, R_G=9.1\Omega, V_{GE}=\pm 15\text{V}, T_j=125^{\circ}\text{C}$





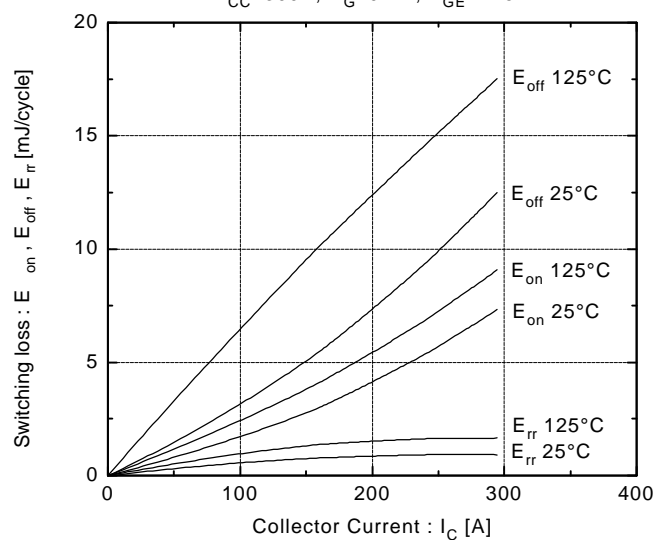
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**IGBT-Chopper**  
**600 V**  
**200 A**

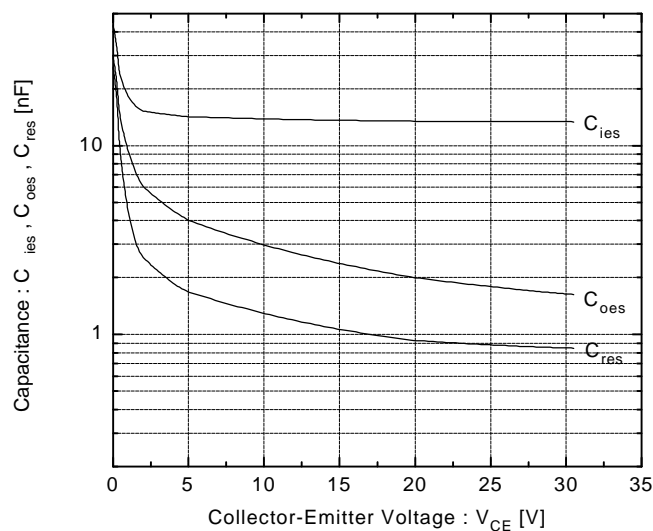


**FUJI**  
ELECTRIC**1MBI 200NK-060****IGBT-Chopper**  
**600 V**  
**200 A**

Switching loss vs. Collector current

 $V_{CC}=300V, R_G=9.1\Omega, V_{GE}=\pm 15V$ 

Capacitance vs. Collector-Emitter voltage

 $T_J=25^\circ C$ **Fuji Electric GmbH**

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