

## Technische Information / Technical Information

Type: IGBT-Module

Manufacturer: Fuji Electric

**Fuji\_2MBI200XAA065-50**



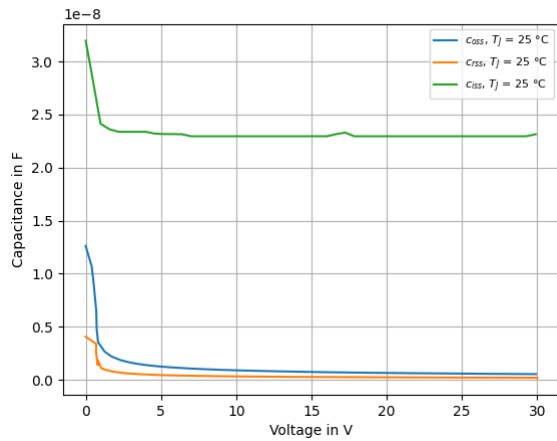
Transistor Specifications	Value	Units
Author	Nikolas Förster	-
C_iss_fix	2.3e-08	F
C_oss_fix	9e-10	F
C_rss_fix	3.1e-10	F
Cooling_area	0.003196	sq.m
Datasheet_date	2019-05	-
Datasheet_hyperlink	<a href="#">Fuji Electric</a>	-
Housing_area	0.003196	sq.m
Housing_type	M263	-
I_abs_max	400	A
I_cont	200	A
Manufacturer	Fuji Electric	-
Name	Fuji_2MBI200XAA065-50	-
R_g_int	3	Ohms
R_th_cs	0.05	Ohms
T_c_max	125	°C
Type	IGBT	-
V_abs_max	650	V

IGBT Specifications		
T <sub>j_max</sub>	175	°C
R <sub>th_total</sub>	0.238	Ohms

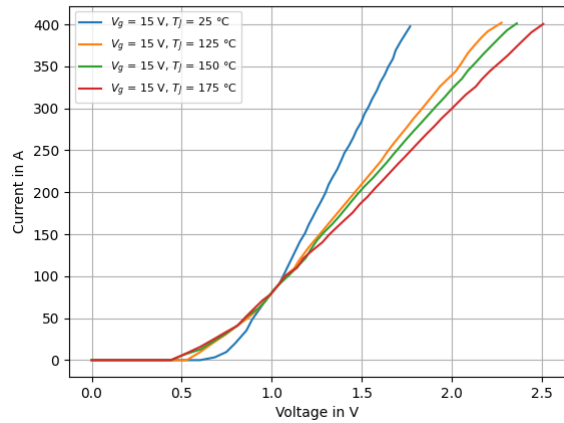
Diode Specifications		
T <sub>j_max</sub>	175	°C
R <sub>th_total</sub>	0.457	Ohms

## IGBT Characteristic Plots

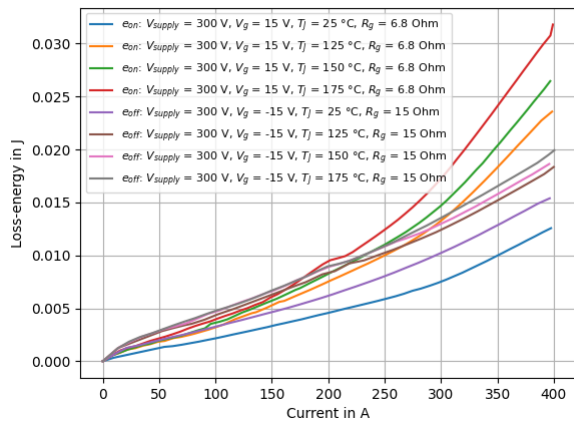
Voltage dependant Capacitance



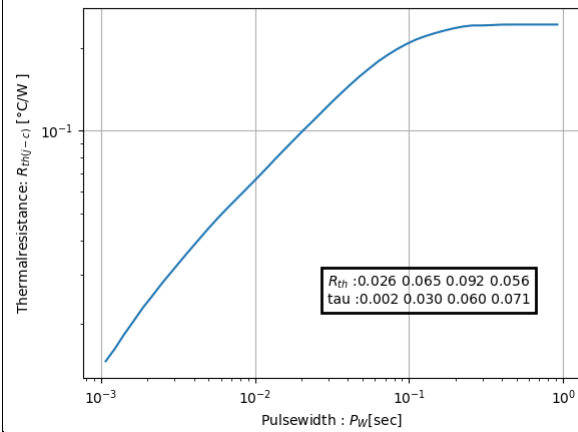
Channel plots



Energy plots

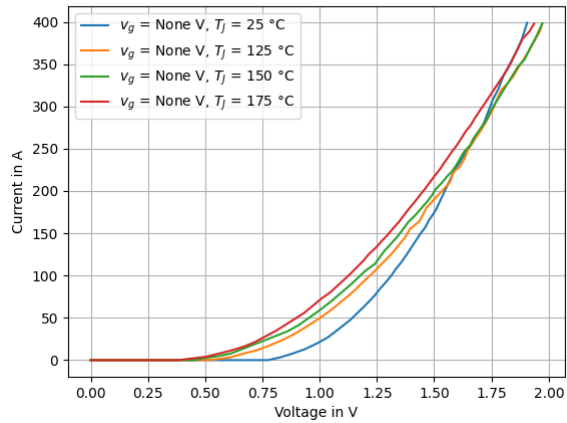


Impedance plots

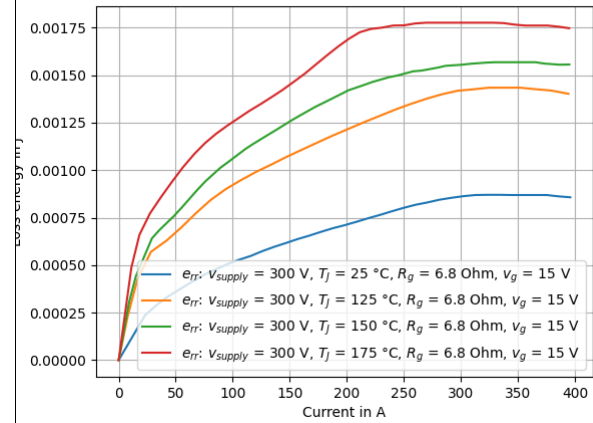


## Diode Characteristic Plots

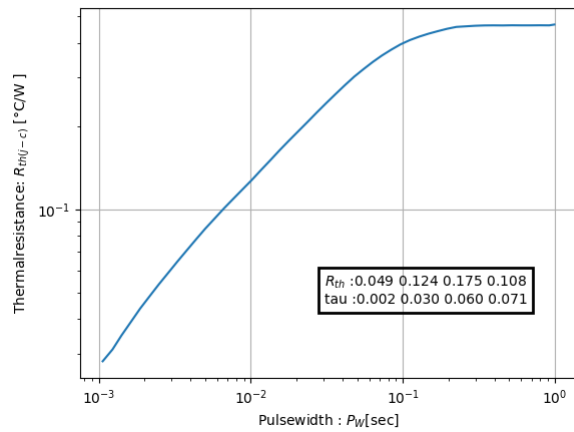
Channel plots



Energy plots



Impedance plots



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