

Reference only

Gate Driver optimized for **Infineon Technologies AG**

IGBT Power Module FF900R12ME7_B11

FF900R17ME7_B11



FF900R12ME7_B11
FF900R17ME7_B11



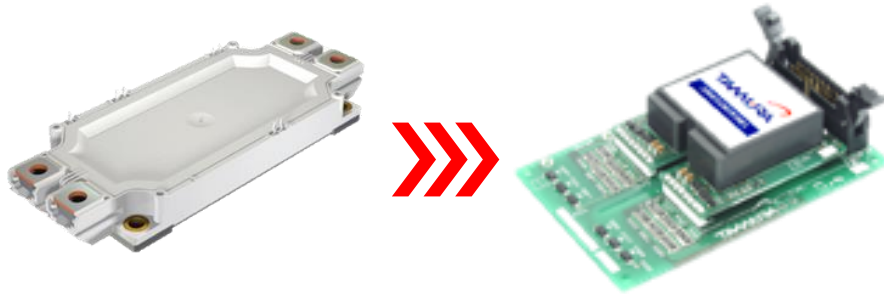
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Your One and Only Company

Gate Drivers optimized for **Infineon Technologies AG** FF900R12ME7_B11 / FF900R17ME7_B11

Appliance





FF900R12ME7_B11
FF900R17ME7_B11

Features

- Large Output Power
- Peak Current (43A)
- **Supports multi-parallel drive**

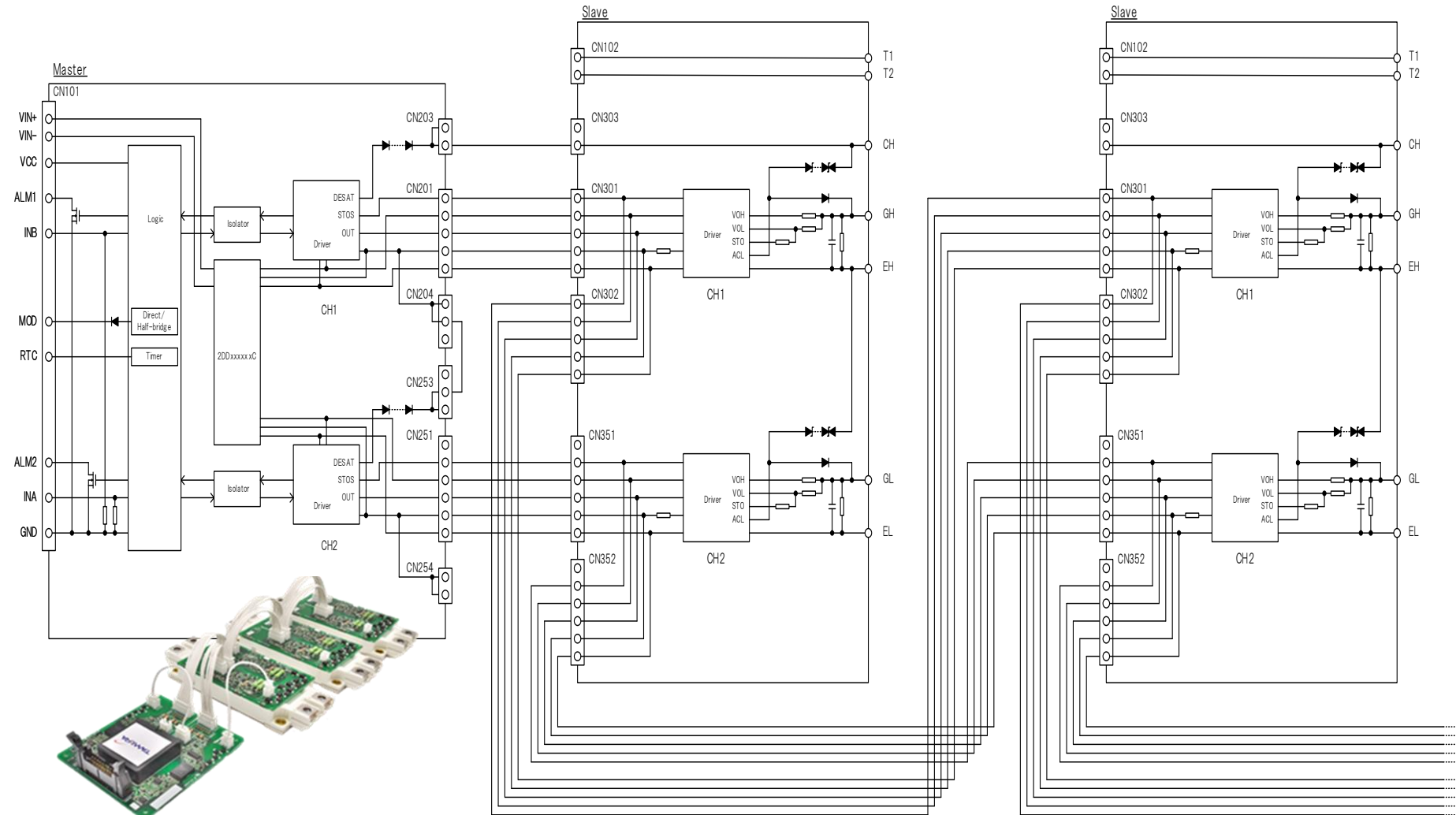
Specification

Item	Development value
Output voltage	+15V / -10V
Short protection	DESAT + Soft turn off *1
Number that can be driven in parallel at 3kHz (FF900R12ME7_B11)	 3
Number that can be driven in parallel at 3kHz (FF900R17ME7_B11)	 5
Park current	43A
Withstand voltage	5kV
Partial discharge extinction voltage	1.768kV peak (min)
CMTI	70kV/us
Clearance / creepage (Pri-Sec)	14mm / 16mm
Clearance / creepage (Sec-Sec)	7mm / 12mm

*1: Active clamp gate is optional. Please contact us.

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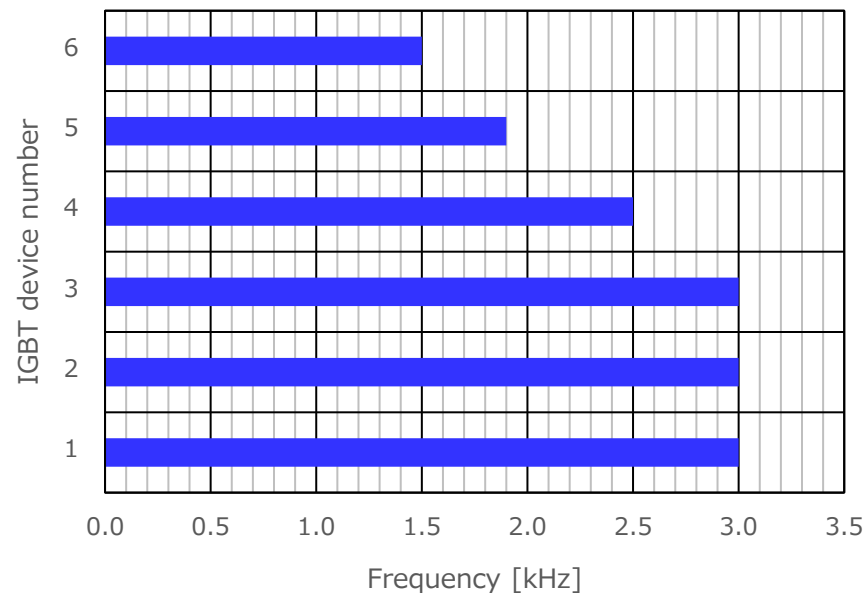
Connection diagram in parallel drive



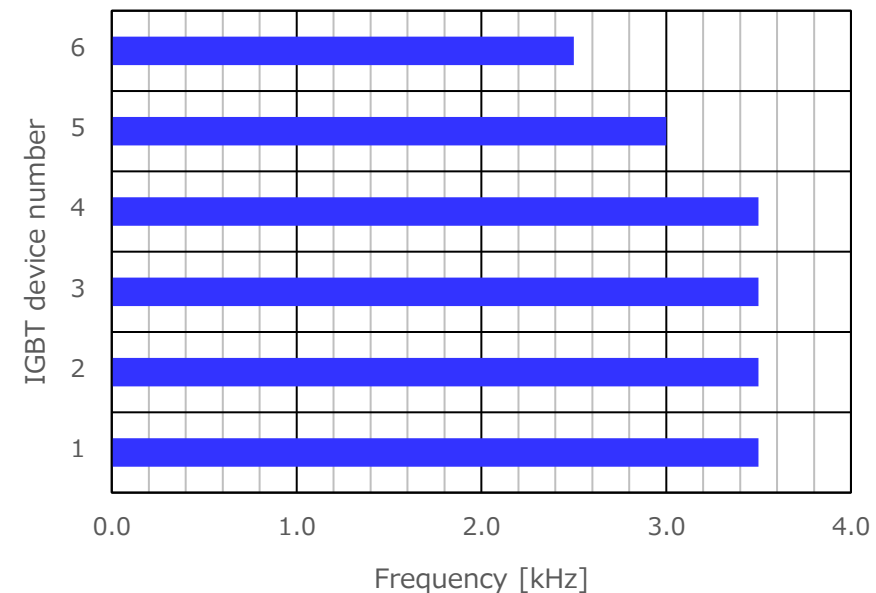
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Frequency vs Gate driver parallel number (+15V / -10V)

• FF900R12ME7_B11



• FF900R17ME7_B11



*This data is under development.

The content of this document is subject to change without prior notice.

Appendix) Information & Contact

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Matching data with power module
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