IR HiRel
An Infineon Technologies Company

Product brief

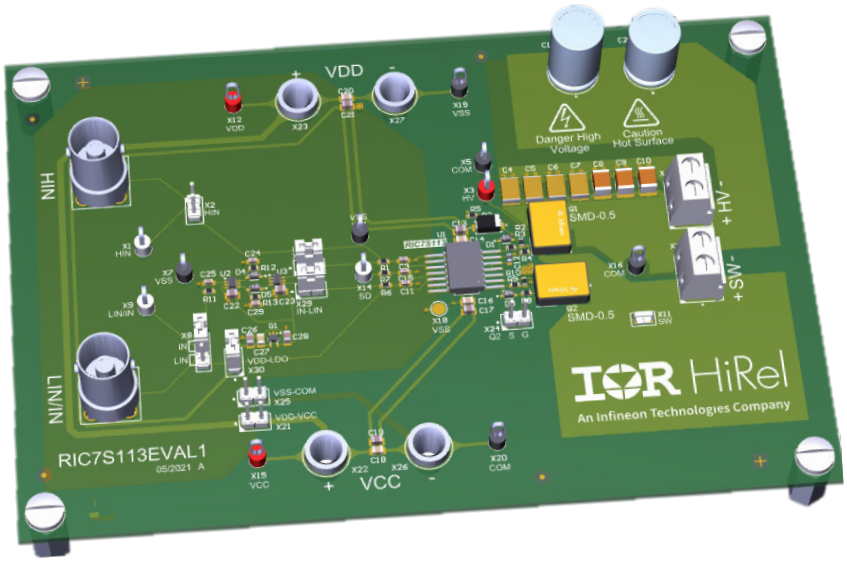
# RIC7S113 evaluation board

## Open loop high- and low-side gate driver with BUY65CS08J-01

RIC7S113EVAL1 is an open loop half bridge board which features RIC7S113 and BUY65CS08J-01. RIC7S113 is a radiation hardened (rad hard) 400V, high speed power MOSFET and IGBT driver with independent high- and low-side referenced output channels. BUY65CS08J-01 is a 650V, 8A rad hard PowerMOS FET.

This board is ideal for quick benchtop evaluation of RIC7S113. The half bridge power stage can be configured in multiple power topologies, such as buck or boost, as well as MOSFET tests, such as a double pulse test.

Visit www.infineon.com/ric7s113 to download the user guide and reqeust samples.




### Key features

- Supports independent or single VCC and VDD bias power supply
- Supports single PWM with on board complementary and dead time generation, or independent PWM input
- Power transistor footprint supports SMD-0.5, SMD-0.5e package devices
- Flexible open loop power stage configurable for variety of operating conditions
- PCB layout and test points optimized for ease of use for engineering evaluation

Space

Defense technology

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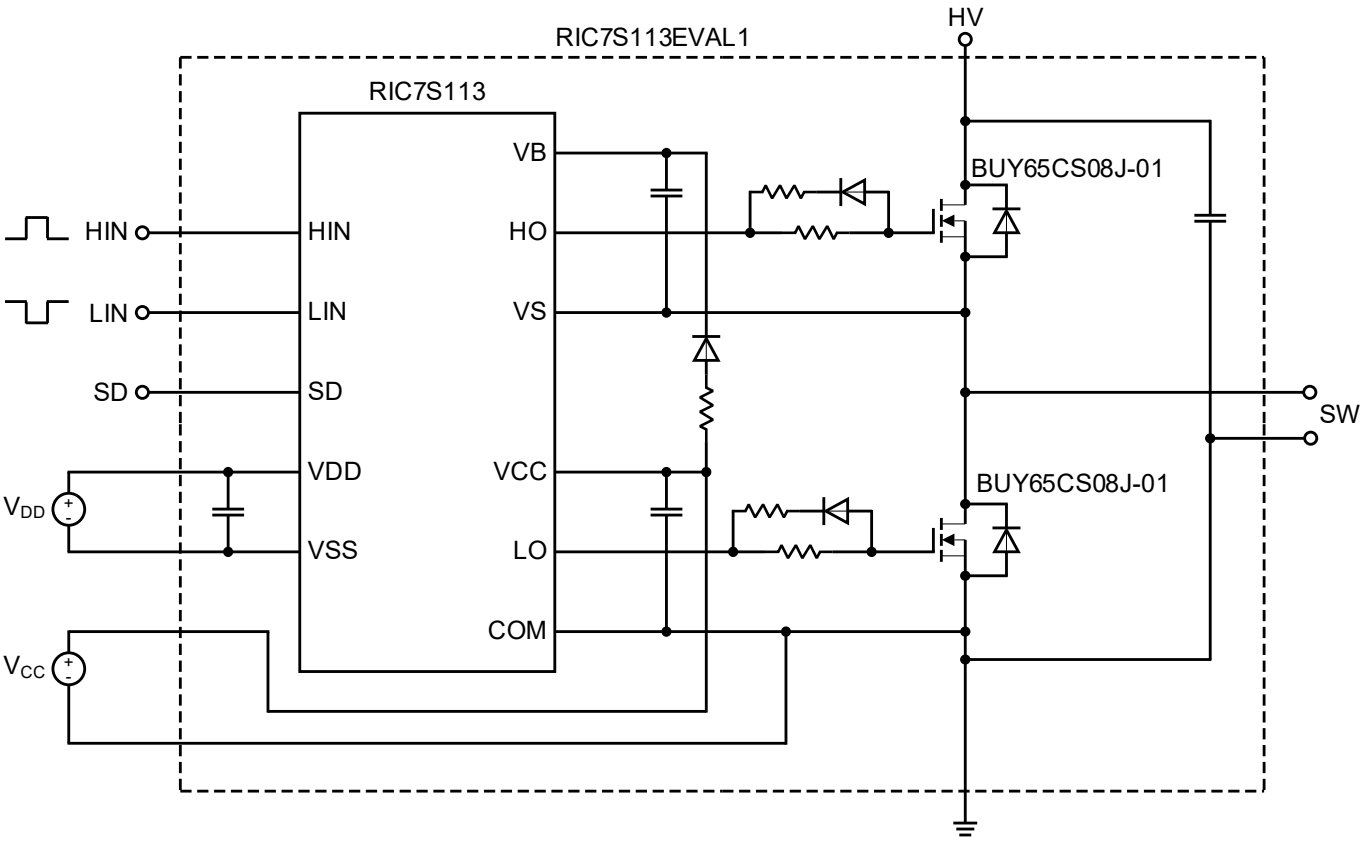


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Published by
International Rectifier HiRel Products, Inc.
An Infineon Technologies Company
El Segundo, California 90245 USA



Document number: : B119-I1182-V1-7600-NA-EC-P
Date: 6/ 2021