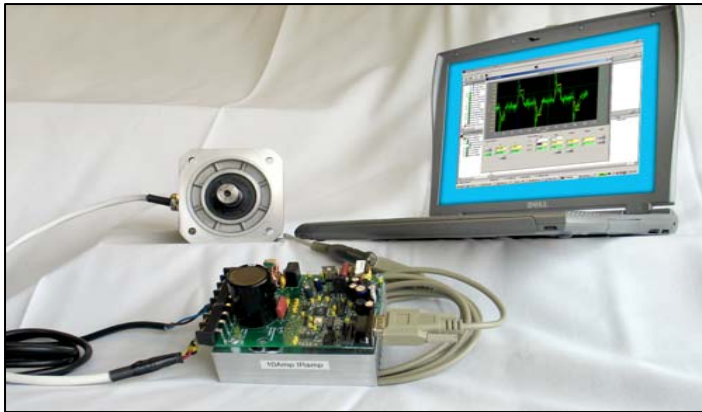


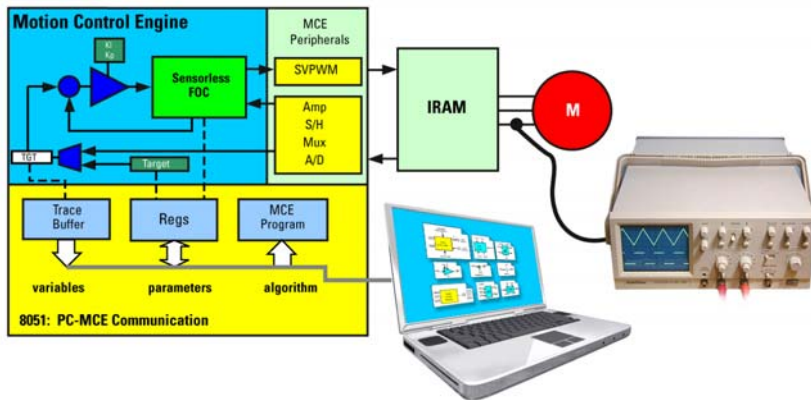
## IRMCS3041

### Sensorless Permanent Magnet Motor Design Platform



#### Design kit includes

- IRMCS3041 reference design featuring IRMCF341 Digital Control IC and 230V/400W output power with IRAMS10UP60B intelligent power module
- Sample 300W PMSM for quick start
- MCE Wizard tool for easy configuration
- MCE Designer™ tool for control parameter tuning and performance evaluation
- Product documentation including quick start, user guides, reference guide, control diagrams and circuit schematics
- Software support files including 8051 sample code
- Third party tools, such as Keil C Compiler and Assembler and FS2 JTAG ICE, required for 8051 code development



For a list of all available reference designs: <http://www.irf.com/technical-info/refdesigns/>

# IRMD22141SS

## High Current Gate Driver Reference design

High Current Gate Driver for AC Induction or Brushless Motors  
 Integrated desaturation detection circuit with active bias  
 1200V DC-Bus Capability up to 50A  
 Using IR22141SS



**Compatible with standard ECONO2-6PACK IGBT module (Not included in design kit)**

Design kit includes-

- Assembled and Tested demo board
- User Guide
- Schematic
- Bill of Materials
- Circuit Board Layout
- Datasheet
- CD including gerber files and documentation

For a list of all available reference designs: <http://www.irf.com/technical-info/refdesigns/>

## IRMD2214SS

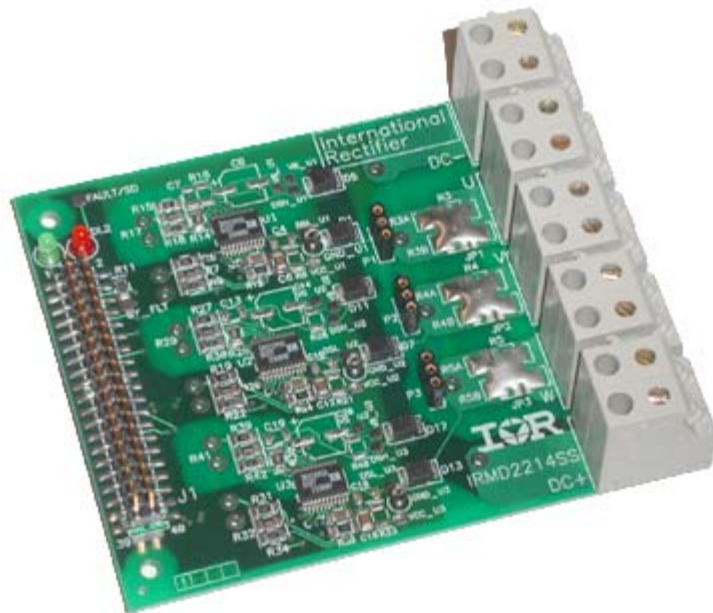
### High Current Gate Driver Reference design

High Current Gate Driver for AC Induction or Brushless Motors  
Integrated desaturation detection circuit  
1200V DC-Bus Capability up to 50A  
Using IR2214SS

**Compatible with standard ECONO2-6PACK IGBT module (Not included in design kit)**

Design kit includes-

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- User Guide
- Schematic
- Bill of Materials
- Circuit Board Layout
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