

## **OPTO and ISOLATED SPI INTERFACE BOARDS**

### **ISOLATION, EMC AND DIRECTIVES - NO WARRANTY GIVEN**

These evaluation boards are intended for use for ENGINEERING DEVELOPMENT, DEMONSTRATION OR EVALUATION PURPOSES ONLY and is not considered by Zeal Electronics Ltd, S&S Systems, S Alsop or associates to be a finished end-product fit for general consumer use. Persons handling the product or products must have electronics training and observe good engineering practice standards and take professional advice. As such, the goods being provided are not intended to be complete in terms of required design, required marketing and/or required manufacturing related protective considerations, including product safety and environmental measures typically found in end products that incorporate such semiconductor components or circuit boards. These evaluation boards do not fall within the scope of the European Union directives regarding electromagnetic compatibility, restricted substances (RoHS), recycling (WEEE), FCC, CE or UL, and therefore may not meet the technical requirements of these directives or other related directives.

Whilst the opto and galvanic isolator coupling devices have manufacturers' ratings up to several kilo volts, due to board layout and the on-board isolated DC to DC power supplies in the RPIADCISOL, it would not be advisable to work at potentials greater than 24V. Also, the boards are not to be used in any medical applications, as there could be a risk of electrocution due to component failure.

Whilst they have been designed and manufactured in good faith, it is up to the user to obtain professional advice as to their suitability in their specific applications, because Zeal Electronics Ltd, S&S Systems, S Alsop and associates cannot be held responsible as to how or where they are to be used.

Please see the Certificates of Conformity at the end of the user manual, which show that the boards have been isolation tested at 1kV, however, the user must have the appropriate skills, must take professional advice and take full responsibility if using voltages greater than 24V.

### **EXAMPLE SOFTWARE - NO WARRANTY REGARDING SUITABILITY**

The example and driver software is supplied on the understanding that it is for educational purposes for use with these S&S isolated boards, and no warranty can be given or implied as to its suitability under any circumstances.

Whilst the software has been designed and written in good faith, it is up to the user to obtain professional advice as to suitability in their specific applications, because Zeal Electronics Ltd, S&S Systems, S Alsop and associates cannot be held responsible as to how or where it is to be used.

The software is copyrighted under the GNU licensing terms - please see the comments in the source code. If it is to be used in a commercial environment, please contact Dr Stephen Alsop, c/o Zeal Electronics Ltd to obtain a suitable licence.