



# IECQ QC 88000-C001

Edition 8.0 2013-05

# IECQ COMPONENT SPECIFICATION

**IEC Quality Assessment System for Electronic Components (IECQ System)**

---

**Ceramic Hermetically Sealed – Transistor Optocouplers**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

---

**IECQ**

**QC 88000-C001**

**COMPONENT**

**ISSUE 8**

**SPECIFICATION**

**May 2013**

---

**Component Specification  
For  
Ceramic Hermetically Sealed  
Transistor Optocouplers**



**M1077 IECQ**

**IECQ Product Certificate Number E1280/F**

Up-to-date lists and bibliographical references of IECQ publications may be downloaded from [www.iecq.org](http://www.iecq.org)

Further copies of this document may be obtained from:

**IEC**

International Electrotechnical Commission  
Commission Electrotechnique Internationale

**Box 131, rue de Varembé, CH 1211 Geneva 20, Switzerland**

---

For sales enquiries, or further information, please contact our sales office at:

Isocom Ltd, 48, Hutton Close, Crowther Industrial Estate, Washington, Tyne and Wear, UK, NE38 0AH  
Tel: +44 0191 4166 546 Fax: +44 0191 4155 055

## FOREWORD

The IECQ Quality Assessment System for Electronic Components (IECQ) is composed of those member countries of the International Electrotechnical Commission (IEC) who wish to take part in a harmonized system for electronic components of assessed quality. IECQ is also known in some European member countries as IECQ-CECC.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognised Mark, or Certificate of Conformity. The components produced or services provided under the system are thereby acceptable in all member countries without further testing.

This Component Specification is based upon the requirements of IECQ 03-3, Annex E (QC 001002-2 Amendment 1, Clause 5.4) and has been prepared by:

Isocom Ltd  
48 Hutton Close  
Crowther Industrial Estate  
Washington  
Tyne and Wear  
NE38 0AH  
United Kingdom  
Tel: +44 0191 4166 546  
Fax: +44 0191 4155 055

and published under the authority of:

BSI Group  
Kitemark Court, Davy Avenue  
Knowhill, Milton Keynes  
MK5 8PP  
United Kingdom

## AMENDMENT RECORD

Issue 1 - Changed Page 10 – Amendments 25/06/09  
Issue 2 - Changed Page 4 – Amendments 22/03/10  
Issue 3 - Changed Pages 4 & 6 – Updated Drawings 25/06/10  
Issue 4 - Changed Pages 3 & 4 – Added devices IS49 & 4N49 05/07/10  
Issue 5 - Changed Pages 3, 4, 5, 6, 7 & 10 – RoHS Compliant, Added CSM165-2 & Amendments 13/07/10  
Issue 6 – Changed pages 4 & 7, added CH301A and 4/5 pin hybrid outline drawing 26/5/11  
Issue 7 – Changed pages 3, added text CH301A and CSM166-4 & page 4, added text CH301A 30/5/13

## REQUIREMENTS

The requirements for IECQ Component Specifications as detailed in IECQ 03-3, Annex E (QC 001002-2 Amendment 1, Clause 5.4) are satisfied by the following data sheet.

It should note that IECQ are not responsible for manufacturers declarations made in data sheets which fall outside the limits of approved detailed in IECQ certificates.

This Component Specification is intended for use with applicable IECQ Assessment Specifications. Eg: QC 88000-A0001

For sales enquiries, or further information, please contact our sales office at:

Isocom Ltd, 48, Hutton Close, Crowther Industrial Estate, Washington, Tyne and Wear, UK, NE38 0AH  
Tel: +44 0191 4166 546 Fax: +44 0191 4155 055