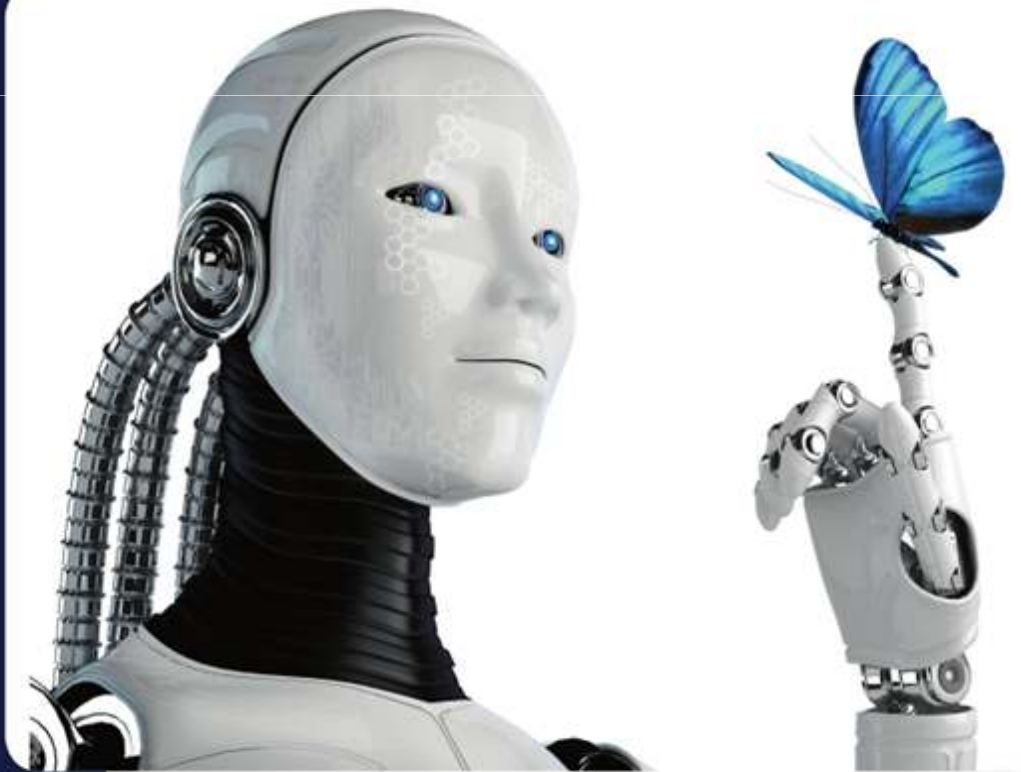




ICR

Newsletter Feb, 2017



Hot issue

- Notice of relocated ICR Gimpo-Office Building
- ICR Polska-Accreditation Certificate for PN-EN ISO/IEC 17065:2013
- UK EMC Regulations
- Low EMI, Isolated Isolated RS485 μ Module Transceiver Meets Stringent IEC 60601-1 Requirements



All companies are always advancing towards
for better development and brighter future.

However, in order to go further in the fast-changing times, corporate efforts are absolutely needed. In response to that, ICR constantly studies with pride that customer satisfaction is the best objective. In addition, ICR has been reminded that the best competitiveness is "Increasing mutual trust". ICR is the nation's first one-stop service certification body as your specialized partner can locally and internationally provide testing, verification, inspection and certification services. Be with ICR's trusted change and innovation, ICR will promise your smart and rich future.



Notice of relocated ICR Gimpo-Office Building

We inform you of relocated ICR Gimpo-Office Building.

ICR Gimpo-Office building has been completed in order to expand the business scope of test inspection and electromagnetic compatibility and to provide more convenient and High-quality certification services.

The moving of office will be on **Friday, February 17, 2017**.

Main Number (02-6351-9001) and fax number (02-6351-9007) are the same. However, the address will change as shown below.

	Before	After
Address	: 912/913/914, E&C Dream Tower B/D, 146, Seonyu-ro, Yeongdeungpo-gu, Seoul	3611, Hagon-ri, Yangchon-eup , Gimpo-si, Gyeonggi-do
Main Number (Fax Number)	02-6351-9001 (02-6351-9007)	02-6351-9001 (02-6351-9007)

Hope for understanding that unavoidably certification work is not able on Friday, February 17, 2017 due to the office transfer.

If you have any further questions, please do not hesitate to contact me. ICR promises to always strive to provide the best service. Thank you.



ICR Polska – Accreditation Certificate for PN-EN ISO/IEC 17065:2013

ICR Polska Sp. Z o.o. obtained certification for **Product Certification Body (No. AC 197)** according to PN-EN ISO/IEC 17065: 2013 by Polish accreditation body (PCA).

PN-EN ISO/IEC 17065:2013 is a standard for conformity assessment - requirements for bodies certifying products, processes and services. ICR Polska is providing service for **Product certification.**

POLSKIE CENTRUM AKREDYTACJI
POLISH CENTRE FOR ACCREDITATION

 Sygnatariusz EA MLA
EA MLA Signatory

CERTYFIKAT AKREDYTACJI
JEDNOSTKI CERTYFIKUJĄCEJ WYROBY
ACCREDITATION CERTIFICATE FOR PRODUCT CERTIFICATION BODY
Nr AC 197

Potwierdza się, że: / This is to confirm that:

ICR Polska Sp. z o.o.
Plac Przymierza 6, 03-944 Warszawa

spełnia wymagania normy PN-EN ISO/IEC 17065:2013-03
meets requirements of the PN-EN ISO/IEC 17065:2013-03 standard

Akredytowana działalność jest określona w Zakresie Akredytacji Nr AC 197
Accredited activity is defined in the Scope of Accreditation No AC 197

Akredytacja pozostaje w mocy pod warunkiem przestrzegania wymagań jednostki akredytującej określonych w kontrakcie Nr AC 197
This accreditation remains in force provided the Body observes the requirements of Accreditation Body defined in the Contract No AC 197

Certyfikat akredytacji ważny do dnia 28.12.2020 r.
The certificate of accreditation is valid until 28.12.2020

  **DYREKTOR**
POLSKIEGO CENTRUM AKREDYTACJI

LUCYNA OLBORSKA

Warszawa, 29 grudnia 2016 roku



UK EMC Regulations

Brexit and EMC

As the UK marches towards Brexit,
it's important to track any recent EMC standards activity.

In this case, the UK Parliament quickly incorporated the latest [EMC Directive \(2014/30/EU\)](#), which became effective April 20, 2016. This Directive requires all electronic products to have a successful conformity assessment before being placed on the European market.

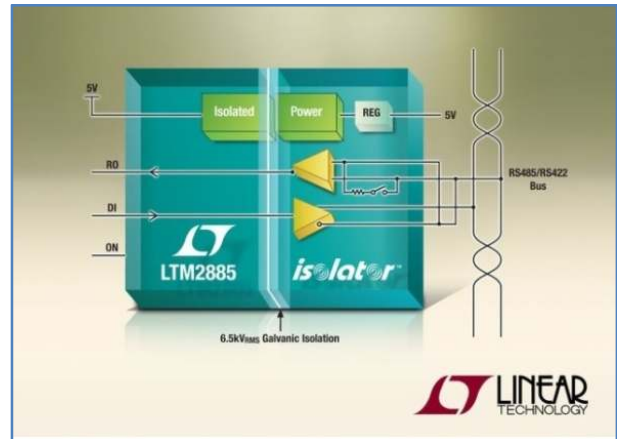


On December 8, 2016, it will become UK law as the EMC Regulations 2016. These regulations transpose [Directive 2014/30/EU](#) of the European Parliament and repeals and replaces Directive 2004/108/EC relating to Electromagnetic Compatibility.





LOW EMI, Isolated RS485 μ Module Transceiver Meets Stringent IEC 60601-1 Requirements [1]



January 19, 2017

[Interference Technology Products](#)

Linear Technology Corporation introduces the LTM2885,

an isolated RS485 μ Module[®] transceiver for guarding against large ground-to-ground differentials.

Many industrial, utility, medical, military, and intrinsic safety applications require isolation components with increased voltage and spatial separation for human safety.

The LTM2885 provides $6500V_{RMS}$ reinforced isolation between the logic level interface and the transceiver bus pins, far surpassing the IEC 60747 basic and reinforced isolation standards.

With creepage and clearance distances greater than 14mm and a distance through insulation (DTI) greater than 0.2mm, the LTM2885 exceeds many overvoltage category II and material group IIIA equipment requirements, including the provision of two means of patient protection (MOPP) for medical equipment per IEC 60601-1.



Low EMI, Isolated RS485 μ Module Transceiver Meets Stringent IEC 60601-1 Requirements [2]

The LTM2885 provides an extensive feature set to support its robust isolation.

A ± 15 kV ESD-protected RS485 transceiver operates at 20Mbps or low EMI 250kbps, with uninterrupted communication guaranteed for common mode transients up to 50kV/ μ s.

An internal low EMI DC/DC converter powers the transceiver and provides an isolated 1W supply output for powering external support components.

Integrated selectable termination allows cables to be properly terminated, with the flexibility to add or remove termination anywhere on the bus via software control.

Operating from a 5V supply, the LTM2885 requires no additional external components, providing a self-contained μ Module solution for isolated RS485 serial data communications.

The LTM2885 is offered in commercial, industrial and automotive versions, supporting operating temperature ranges from 0°C to 70°C, -40°C to 85°C, and -40°C to 105°C, respectively.

The LTM2885 is offered in a 22mm x 9mm x 5.16mm surface mount BGA package; all integrated circuits and passive components are housed in this Linear Technology, RoHS-compliant μ Module package.

Refer to <https://interferencetechnology.com/low-emi-isolated-rs485-%C2%B5module-transceiver-meets-stringent-iec-60601-1-requirements/>

www.icrqa.com

ICRO-31/R20161125 본 문서는 법률 제 14088호 저작권법의 보호대상이며, ICR의 지적 자산으로 불법 편집 및 복사를 금합니다.

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Tax & VAT Id No : 105-86-35114

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