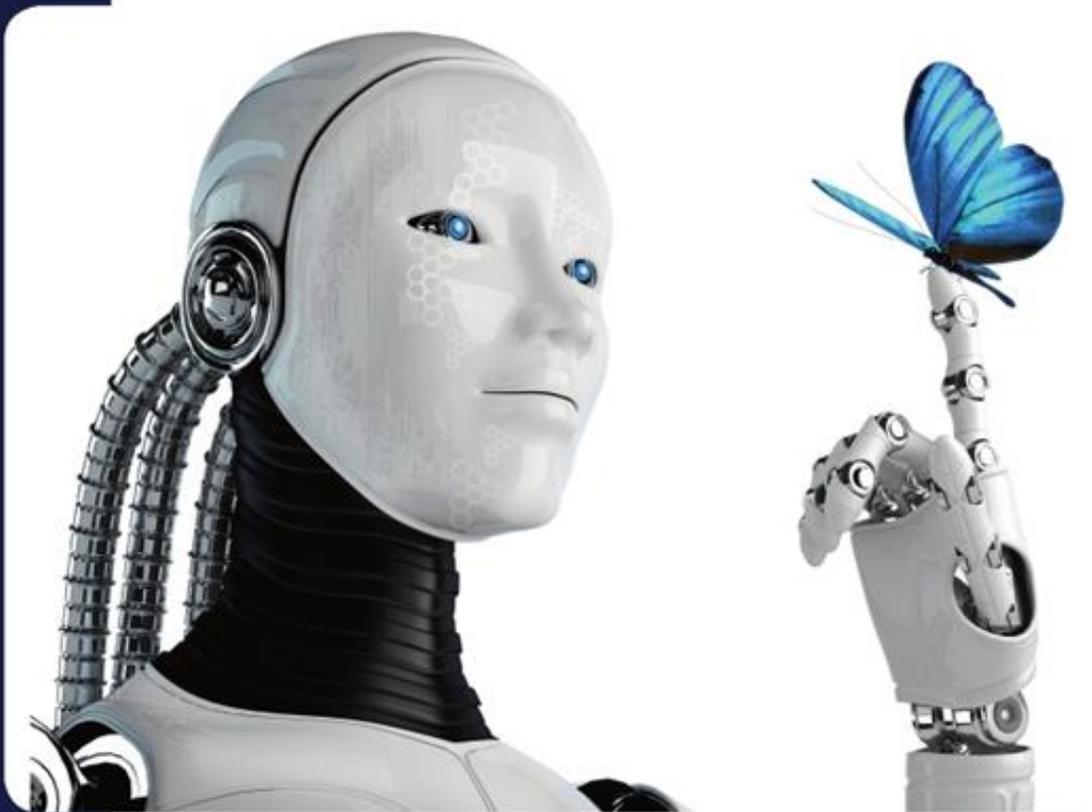


# Newsletter

## July, 2019



# ICR



# Hot Issue

1. **Designation of Samsung Electronics '3rd Party certification Agency for DS**
2. **Recognized Certification Bodies by Energy Star**
3. **MOU agreement with Continental**
4. **About Food HACCP**
5. **5G era, Total modem solutions**



# Designation of Samsung Electronics '3<sup>rd</sup> Party certification Agency for DS



ICR was designated as a **Samsung Electronics' 3<sup>rd</sup> Party certification Agency for DS** since July 1<sup>st</sup>, 2019.



**ICR**



**삼성전자**

# Designation of Samsung Electronics '3<sup>rd</sup> Party certification Agency for DS



The quality of the certification/testing service has been recognized by Samsung Electronics, and the **SEMI evaluation report and CE certificate** issued by the ICR are officially recognized by Samsung Electronics. ICR provides certification/test services for **CE certification (MD, EMC (On-Site), ATEX), KCs, and NRTL** in addition to SEMI evaluation reports for semiconductor facilities.

In addition, **the CE certificate of ICR Polska (Notified Body No. 2703)** can be supplied to Samsung Electronics as a same level to that of other European Agency. The ICR always has people with relevant expertise ready to provide testing and certification services, so we hope you like our service.



# ICR



# 삼성전자



# Recognized Certification Bodies (CBs) by Energy Star

ABOUT ENERGY STAR PARTNER RESOURCES

The simple choice for energy efficiency.

ENERGY EFFICIENT products    ENERGY SAVINGS at home    ENERGY EFFICIENT new homes    ENERGY STRATEGIES FOR buildings & plants

Partner Resources > Home > Partner Resources > Third-Party Certification > EPA Recognized Certification Bodies (CBs) and Laboratories List Results

## EPA Recognized Certification Bodies (CBs) and Laboratories List Results

NOTES:

- Only accredited laboratories are listed on this page. Laboratories that are EPA-recognized through enrolling in a Certification Body's WMTL or SMTL program are not listed here.
- EPA encourages manufacturers to contact laboratories directly to ensure they have the capability and availability to test the particular products for which certification is sought, as some product types may require special testing equipment or capabilities. Manufacturers must also confirm with an EPA-recognized certification body (CB) that the laboratory is acceptable under the CB's program for that product type.
- Windows, Doors, and Skylights partners are advised to contact the National Fenestration Rating Council ([www.nfrc.org](http://www.nfrc.org) [EXIT](#)) for a complete list of EPA-recognized laboratories for these products.
- Please note, EPA recognizes the Association of Home Appliance Manufacturers (AHAM) only for administering verification testing.

1 - 2 of 2      Show:

[New Search](#) [Refine Search](#)

Org. ID	Organization Name	Type of Recognized Body	If Lab is it 1st Party?	Programs	Organization Address	City	State	Country
1143468	<a href="#">ICR Co., Ltd.</a> <a href="#">EXIT</a>	Accredited Laboratory	N	Audio/Video Equipment, Commercial Refrigerators and Freezers, Computers, Displays, Imaging Equipment, Refrigerators and Freezers, Set-top Boxes and Cable Boxes, Televisions	112, Hwanggeum 3-ro 7beon-gil, Yangchon-eup	Gimpo		KR

1 - 2 of 2      Show:

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ICR Co., Ltd has been recognized Certification Bodies by Energy Star on July 12, 2019.

[ [https://www.energystar.gov/index.cfm?fuseaction=recognized\\_bodies\\_list.show\\_RCB\\_search\\_results](https://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_results) ]



# Recognized Certification Bodies (CBs) by Energy Star

- **What is an 'Energy Star'?**

Energy star is voluntary testing and labeling programs jointly operated by the Environmental Protection Agency (EPA) and the Department of Energy (DoE). Energy Star marks are available throughout the United States and represent the energy efficiency of the product to consumers.

- **Energy Star Effects and Benefits**

Energy Star products meet strict energy efficiency guidelines and are voluntary programs from the U.S. EPA that help save energy costs and protect climate. In addition, the U.S. government provides various tax benefits for purchases of products with energy star marks, which are essential to companies' sales strategies.





# Recognized Certification Bodies (CBs) by Energy Star

- **The Scope of Energy Star Services in the ICR**

The ICR is an EPA-designated laboratory that can provide you with the following products of services related to the Energy Star program:

- Television (Version 7.0)
- Refrigerators and Freezers (Version 5.0)
- Commercial Refrigerators and Freezers (Version 4.0)
- Audio/Video Equipment (Version 3.0)
- Imaging Equipment (Version 2.0)
- Computers (Version 6.1)
- Display (Version 7.1)
- Set-top Boxes and Cable Boxes (Version 5.0)



# MOU agreement with Continental



**ICR** and **Continental Corporation** signed a business agreement for mutual cooperation at ICR on June 11<sup>th</sup>, 2019.

Both of organizations have agreed to cooperate with each other on the field of **DV and PV Testing for Continental Corporation**



# About Food HACCP

HACCP is a system that analyzes hazards that can be occurred at all stages of raw materials, manufacturing, processing, cooking and distribution of food, and processes that can reduce, prevent, and eliminate the critical control point to manage scientifically and systematically.

According to HACCP trends, annual average sales (23.1%), net profit (29.1%), production volume (15.8%) and shipments (21.9%) are increased after the HACCP certification; on the other hands the foreign object claims (56.4%) are decreased.



# About Food HACCP

Currently, HACCP is on the process of being compulsory in the 3<sup>rd</sup> stage, and it was obligatorily applied for the organizations that have over 10 billion(KRW) annual sales by 2017. Also, by 2020, the application of obligatory is expanding for 7,141 organizations of children's food manufacturer and commonly consumed food manufacturer.

The followings are subjects to mandatory application.

- Confectionery, candy / bread, rice cake / chocolate / fish sausage / beverage / instant food / noodle, instant fired noodle / specialty food

# 5G era, Total modem solutions



- Samsung Electronics has launched the key semiconductor Semiconductor Exynos RF 5500, which is a wireless communication technology enabling high-speed data communication, and EXINOS SM, a power supply-modulated semiconductor.
- The "Exynos RF 5500" released is a 5G-enabled transceiver and is the first chip to support all levels of communication from 2nd to 5th generation as a single chip. Although it usually takes two separate chips to satisfy two or more specifications, the product has the advantage of reducing space burden and power consumption in designing mobile devices because a single chip supports its function.

# 5G era, Total modem solutions



- In Korea, 4G communication is common, but globally, it uses various communication technologies from 2G to 3G and 4G. When 5G is commercialized and used in Korea as well as all over the world, when two or more chips are introduced into the product, the battery efficiency may drop and the mobile device may become large. The Exynos RF 5500 is a competitive chip that supports the new standard 5G NR and the existing communication standard 2G / 3G / 4G LTE on a single chip.
- If 5G becomes more popular in the future and uses higher frequency band in the future, it is likely that RF and SM will become more competitive technologies with more core technologies.
- Source : 삼성반도체이야기



[www.icrqa.com](http://www.icrqa.com)

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