

Samsung Electronics Co., Ltd.  
Mr. Young-Gwi Cho Senior Engineer  
R&D Planning Group, Visual Display  
129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 16677  
Republic of Korea

Date : 21.04.2022  
Our ref. : YK 01  
Your ref.: YOUNG-GWI CH

**Ref : S GS-Zeichen**

Type of Equipment : LCD Monitor  
Model Designation : See Certificate  
Certificate No. : S 50526819 0001  
Report No. : CN21RGR1 001

Dear Mr. Young-Gwi Cho,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body

  
Dipl.-Ing. J. Hoehne

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# Zertifikat

# Certificate



<b>Zertifikat Nr. Certificate No.</b> S 50526819	<b>Blatt Sheet</b> 0001	<b>Gültig ab</b> 21.04.2022	<b>Valid from</b> (day/mo/yr)
<b>Ihr Zeichen Client Reference</b> YOUNG-GWI CH	<b>Unser Zeichen Our Reference</b> 01-YK-CN21RGR1 001	<b>Längstens gültig bis</b> 20.01.2027	<b>Latest expiration date</b> (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Samsung Electronics Co., Ltd.  
129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 16677  
Republic of Korea

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



**Geprüft nach Tested acc. to**  
EN 62368-1:2014+A11  
EK1-ITB 2000:2022

## Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

## Lizenzentgelte - Einheit License Fee - Unit

### Bildschirm (LCD Monitor)

Bezeichnung : F24T45\*F\*\*\*\*\* 12  
(Type Designation) (SAMSUNG)  
\* steht für alphanumerisch oder freibleibend  
oder "/" oder "-"  
(stands for alphanumeric or blank or "/" or "-")

Nennspannung : AC 100-240 V, 50/60 Hz  
(Rated Voltage)  
Nennstrom : 0.6 A  
(Rated Current)  
Schutzklasse (Protection Class) : I  
Hinweis: Anforderungen der AfPS GS 2019:01 PAK Klausel 3.1  
berücksichtigt.  
(Remark: Requirements of AfPS GS 2019:01 PAK clause 3.1  
considered.)  
Fortsetzung auf Blatt 0002  
(continued on page 0002)

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### ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Produkt und Fertigungsstätte erfüllen § 20 des  
Produktsicherheitsgesetzes.  
This certificate is based on our Testing and Certification Regulation.  
The provisions of §20 Product Safety Act are complied with.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Ausstellungsdatum Date of Issue : 21.04.2022 (day/mo/yr)**



**Dipl.-Ing. J. Hoehne**

# Zertifikat

# Certificate



<b>Zertifikat Nr. Certificate No.</b> S 50526819	<b>Blatt Sheet</b> 0002	<b>Gültig ab</b> 21.04.2022	<b>Valid from</b> (day/mo/yr)
<b>Ihr Zeichen Client Reference</b> YOUNG-GWI CH	<b>Unser Zeichen Our Reference</b> 01-YK-CN21RGR1 001	<b>Längstens gültig bis</b> 20.04.2027	<b>Latest expiration date</b> (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Samsung Electronics Co., Ltd.  
129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 16677  
Republic of Korea

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



www.tuv.com  
ID 1111247944

**Geprüft nach Tested acc. to**  
EN 62368-1:2014+A11  
EK1-ITB 2000:2022

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

**Bildschirm (LCD Monitor)**

Fortsetzung von Blatt 0001 (continued from page 0001)

LCD-Display/LCD-Panel: CY-MT238BPEV1H (SAMSUNG)  
23,8 inch (60,4cm)

Pixelfehlerklasse/Pixel Fault Class: I

Vorgesehener Sehabstand/Sehrichtung

Design Viewing Distance/Direction : 500mm, senk./perpendic.

Sehrichtungsbereich/

Viewing Direction Range : 62.3°

Inhalt und Wahrnehmung : Virtualitätsdarstellung

Content and Perception : Artificial Information

Bestandteile der Beleuchtung/Components of the illumination

max. Bildschirmbeleuchtungsstärke/  
max. Screen illuminance : 1500lx

Quelle mit großer, kleiner Öffnung  
large, small aperture source : 200cd/m<sup>2</sup> , 2000cd/m<sup>2</sup>

**ANLAGE (Appendix): 1.0**

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*This certificate is based on our Testing and Certification Regulation.*

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**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

**Ausstellungsdatum Date of Issue : 21.04.2022 (day/mo/yr)**



**Dipl.-Ing. J. Hoehne**

Anlage Fertigungsstättenliste  
/Attachment List of Factories



S 50526819 0001

1 Dongguan Risun Optoelectronics  
Technology Co., LTD  
1st, 2nd, 3rd floor, No. 23 Building,  
XiHu Information Industrial Park,  
XiHu Village, Shilong Town,  
Dongguan City  
Guangdong, P.R. China

2 SANSUI Electric (China) Co., Ltd.  
The 3rd Block,  
No. 1 of Commercial Street,  
Wuguishan District, Zhongshan City,  
528458 Guangdong  
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 21.04.2022



Dipl.-Ing. J. Hoehne