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ICS 31.120
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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18910.41-2024

Replacing GB/T 18910.41-2008

Liquid crystal display devices - Part 4-1: Matrix colour LCD modules - Essential ratings and characteristics

液晶显示器件 第4-1部分：彩色矩阵液晶显示模块 基本额定值和特性

(English Translation)

Issued on: March 15, 2024 **Implemented on: July 1, 2024**

Issued by: State Administration for Market Regulation, China National Standardization Administration

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1 Foreword

GB/T 18910.41-2024 was issued by State Administration for Market Regulation, China National Standardization Administration on 15 March 2024 and has been in force since 1 July 2024.

It replaces the earlier edition GB/T 18910.41-2008.

It is one of 29 parts of the GB/T 18910 series.

2 Scope Preview

GB/T 18910.41-2024 falls under ICS 31.120, in the field of electronics.

This catalogue holds 1,274 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 Where this standard sits

GB/T 18910.41-2024 is classified under ICS 31.120, in the field of electronics.

It is one part of the GB/T 18910 series, of which this catalogue holds 29 parts.

4 About this standard

Issued by: State Administration for Market Regulation, China National Standardization Administration

English translation: about 7 pages

Chinese original: about 10,148 characters

Supersedes the earlier edition GB/T 18910.41-2008.

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5 Related standards

Other parts of this standard:

GB/T 18910.1-2002 - Liquid crystal and solid-state display devices - Part 1: Generic specification

GB/T 18910.1-2012 - Part 1: Generic specification

GB/T 18910.2-2003 - Liquid crystal and solid-state display devices -- Part 2: Liquid crystal display modules sectional specification

GB/T 18910.2-2024 - Liquid crystal display devices-Part 2: Liquid crystal display modules-Sectional specification

GB/T 18910.3-2008 - Liquid crystal and solid-state display devices - Part 3: Sectional specification for liquid crystal display (LCD) cells

GB/T 18910.3-2024 - Part 3: Liquid crystal display(LCD) cells - Sectional specification

GB/T 18910.4-2007 - Liquid crystal and solid-state display devices - Part 4: Liquid crystal display modules and cells - Essential ratings and characteristics

GB/T 18910.4-2024 - Part 4: Liquid crystal display modules and cells - Essential ratings and characteristics

GB/T 18910.5-2008 - Liquid crystal and solid-state display devices -- Part 5: Environmental, endurance and mechanical test methods

GB/T 18910.11-2012 - Part 1-1: Terminology and symbols

GB/T 18910.11-2024 - Part 1-1: Generic specification

GB/T 18910.12-2024 - Part 1-2: Terminology and symbols

GB/T 18910.21-2007 - Liquid crystal and solid-state display devices - Part 2-1: Passive matrix monochrome LCD modules - Blank detail specification

GB/T 18910.21-2024 - Part 2-1: Passive matrix monochrome LCD modules - Blank detail specification

GB/T 18910.22-2008 - Part 2-2: Matrix colour LCD modules - Blank detail specification

GB/T 18910.22-2024 - Part 2-2: Matrix colour LCD modules - Blank detail specification

GB/T 18910.31-2026 - Part 3-1: Liquid crystal display (LCD) cells - Blank detail specification

GB/T 18910.61-2012 - Part 6-1: Measuring methods for liquid crystal display devices - Photoelectric parameter

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GB/T 18910.61-2021 - Part 6-1: Measuring methods for liquid crystal display devices - Photoelectric parameter

GB/T 18910.62-2019 - Part 6-2: Measuring methods for liquid crystal display modules -- Reflective type

GB/T 18910.63-2024 - Part 6-3: Measuring methods for liquid crystal display modules - Motion artefact measurement of active matrix liquid crystal display modules

GB/T 18910.64-2025 - Part 6-4: Test methods - Liquid crystal displaymodules with dynamic backlight units

GB/T 18910.101-2021 - Part 10-1: Environmental, endurance and mechanical test methods - Mechanical

GB/T 18910.102-2021 - Part 10-2: Environmental, endurance and mechanical test methods - Environmental and endurance

GB/T 18910.103-2025 - Part 10-3: Environmental, endurance and mechanical test methods - Glass strength and reliability

GB/T 18910.201-2021 - Part 20-1: Visual inspection - Monochrome liquid crystal display cells

GB/T 18910.202-2021 - Part 20-2: Visual inspection - Monochrome matrix liquid crystal display modules

GB/T 18910.203-2021 - Part 20-3: Visual inspection - Active matrix colour liquid crystal display modules

Other editions:

GB/T 18910.41-2008 (earlier edition)

Standards on related subjects:

GB/T 43979-2024 - Evaluation methods for visual comfort of indoor LED displays

GB/T 43978-2024 - Evaluation requirements for visual comfort of indoor LED displays

GB/T 43770-2024 - Specification for indoor LED displays

6 Classification and status

International classification (ICS): 31.120

Chinese Standard Classification (CCS): L 53

Prefix GB/T: recommended standard.

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