

# Global Dual-gate Thin-film Transistors Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G21D4076B70AEN.html>

Date: April 2026

Pages: 135

Price: US\$ 3,480.00 (Single User License)

ID: G21D4076B70AEN

## Abstracts

According to our (Global Info Research) latest study, the global Dual-gate Thin-film Transistors market size was valued at US\$ 1224 million in 2025 and is forecast to a readjusted size of US\$ 2283 million by 2032 with a CAGR of 9.3% during review period.

In 2025, global Dual-gate Thin-film Transistor output reached about 1.8 billion units, with capacity of 2.6 billion units per year, average unit price around USD 0.65, and gross margins about 27%. Dual-gate Thin-Film Transistors (DG-TFTs) are advanced thin-film semiconductor devices that incorporate two independent gate electrodes (top gate and bottom gate) to control the channel conductivity of the transistor. Compared with conventional single-gate TFTs, dual-gate structures provide improved electrostatic control, lower leakage current, higher carrier mobility, and better threshold-voltage stability, making them particularly suitable for high-resolution displays, flexible electronics, and advanced sensing devices. In the supply chain, upstream industries include semiconductor materials and equipment such as substrates (glass, flexible polymer, or silicon), gate metals (Mo, Al, Ti), dielectric materials (SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, HfO<sub>2</sub>), and semiconductor layers (a-Si, LTPS, IGZO, or oxide semiconductors) along with deposition and lithography equipment suppliers. The midstream segment involves TFT fabrication through processes such as thin-film deposition (CVD, sputtering), photolithography, etching, and passivation, typically carried out by display panel manufacturers and semiconductor foundries. The downstream market integrates DG-TFT backplanes into products such as OLED displays, AMOLED smartphones, tablets, TVs, micro-LED displays, image sensors, flexible electronics, and advanced sensors, ultimately serving sectors including consumer electronics, automotive displays, industrial instrumentation, and emerging wearable devices.

This report is a detailed and comprehensive analysis for global Dual-gate Thin-film Transistors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Dual-gate Thin-film Transistors market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Dual-gate Thin-film Transistors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Dual-gate Thin-film Transistors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Dual-gate Thin-film Transistors market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Dual-gate Thin-film Transistors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Dual-gate Thin-film Transistors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Samsung Display, LG Display, BOE Technology, AU Optronics, Innolux, Sharp, Japan Display, Tianma Microelectronics, Visionox Technology, TCL Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Dual-gate Thin-film Transistors market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Coplanar Dual-gate TFTs

Staggered Dual-gate TFTs

Vertical Dual-gate TFTs

Self-aligned Dual-gate TFTs

### Market segment by Gate Structure

Symmetric Dual-gate TFTs

Asymmetric Dual-gate TFTs

### Market segment by Application

Display Screens

Wearable Electronics

Automotive Electronics

Industrial Sensors

Others

## Major players covered

Samsung Display

LG Display

BOE Technology

AU Optronics

Innolux

Sharp

Japan Display

Tianma Microelectronics

Visionox Technology

TCL Technology

Shanghai EverDisplay

HKC Corporation

Truly International

HannStar Display

Giantplus Technology

Chongqing Konka Display

## Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Dual-gate Thin-film Transistors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Dual-gate Thin-film Transistors, with price, sales quantity, revenue, and global market share of Dual-gate Thin-film Transistors from 2021 to 2026.

Chapter 3, the Dual-gate Thin-film Transistors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Dual-gate Thin-film Transistors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Dual-gate Thin-film Transistors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Dual-gate Thin-film Transistors.

Chapter 14 and 15, to describe Dual-gate Thin-film Transistors sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Dual-gate Thin-film Transistors Consumption Value by Type: 2021 Versus 2025 Versus 2032
  - 1.3.2 Coplanar Dual-gate TFTs
  - 1.3.3 Staggered Dual-gate TFTs
  - 1.3.4 Vertical Dual-gate TFTs
  - 1.3.5 Self-aligned Dual-gate TFTs
- 1.4 Market Analysis by Gate Structure
  - 1.4.1 Overview: Global Dual-gate Thin-film Transistors Consumption Value by Gate Structure: 2021 Versus 2025 Versus 2032
  - 1.4.2 Symmetric Dual-gate TFTs
  - 1.4.3 Asymmetric Dual-gate TFTs
- 1.5 Market Analysis by Application
  - 1.5.1 Overview: Global Dual-gate Thin-film Transistors Consumption Value by Application: 2021 Versus 2025 Versus 2032
  - 1.5.2 Display Screens
  - 1.5.3 Wearable Electronics
  - 1.5.4 Automotive Electronics
  - 1.5.5 Industrial Sensors
  - 1.5.6 Others
- 1.6 Global Dual-gate Thin-film Transistors Market Size & Forecast
  - 1.6.1 Global Dual-gate Thin-film Transistors Consumption Value (2021 & 2025 & 2032)
  - 1.6.2 Global Dual-gate Thin-film Transistors Sales Quantity (2021-2032)
  - 1.6.3 Global Dual-gate Thin-film Transistors Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

- 2.1 Samsung Display
  - 2.1.1 Samsung Display Details
  - 2.1.2 Samsung Display Major Business
  - 2.1.3 Samsung Display Dual-gate Thin-film Transistors Product and Services
  - 2.1.4 Samsung Display Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.1.5 Samsung Display Recent Developments/Updates
- 2.2 LG Display
  - 2.2.1 LG Display Details
  - 2.2.2 LG Display Major Business
  - 2.2.3 LG Display Dual-gate Thin-film Transistors Product and Services
  - 2.2.4 LG Display Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.2.5 LG Display Recent Developments/Updates
- 2.3 BOE Technology
  - 2.3.1 BOE Technology Details
  - 2.3.2 BOE Technology Major Business
  - 2.3.3 BOE Technology Dual-gate Thin-film Transistors Product and Services
  - 2.3.4 BOE Technology Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 BOE Technology Recent Developments/Updates
- 2.4 AU Optronics
  - 2.4.1 AU Optronics Details
  - 2.4.2 AU Optronics Major Business
  - 2.4.3 AU Optronics Dual-gate Thin-film Transistors Product and Services
  - 2.4.4 AU Optronics Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 AU Optronics Recent Developments/Updates
- 2.5 Innolux
  - 2.5.1 Innolux Details
  - 2.5.2 Innolux Major Business
  - 2.5.3 Innolux Dual-gate Thin-film Transistors Product and Services
  - 2.5.4 Innolux Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Innolux Recent Developments/Updates
- 2.6 Sharp
  - 2.6.1 Sharp Details
  - 2.6.2 Sharp Major Business
  - 2.6.3 Sharp Dual-gate Thin-film Transistors Product and Services
  - 2.6.4 Sharp Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.6.5 Sharp Recent Developments/Updates
- 2.7 Japan Display
  - 2.7.1 Japan Display Details
  - 2.7.2 Japan Display Major Business

- 2.7.3 Japan Display Dual-gate Thin-film Transistors Product and Services
- 2.7.4 Japan Display Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.7.5 Japan Display Recent Developments/Updates
- 2.8 Tianma Microelectronics
  - 2.8.1 Tianma Microelectronics Details
  - 2.8.2 Tianma Microelectronics Major Business
  - 2.8.3 Tianma Microelectronics Dual-gate Thin-film Transistors Product and Services
  - 2.8.4 Tianma Microelectronics Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 Tianma Microelectronics Recent Developments/Updates
- 2.9 Visionox Technology
  - 2.9.1 Visionox Technology Details
  - 2.9.2 Visionox Technology Major Business
  - 2.9.3 Visionox Technology Dual-gate Thin-film Transistors Product and Services
  - 2.9.4 Visionox Technology Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 Visionox Technology Recent Developments/Updates
- 2.10 TCL Technology
  - 2.10.1 TCL Technology Details
  - 2.10.2 TCL Technology Major Business
  - 2.10.3 TCL Technology Dual-gate Thin-film Transistors Product and Services
  - 2.10.4 TCL Technology Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.10.5 TCL Technology Recent Developments/Updates
- 2.11 Shanghai EverDisplay
  - 2.11.1 Shanghai EverDisplay Details
  - 2.11.2 Shanghai EverDisplay Major Business
  - 2.11.3 Shanghai EverDisplay Dual-gate Thin-film Transistors Product and Services
  - 2.11.4 Shanghai EverDisplay Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.11.5 Shanghai EverDisplay Recent Developments/Updates
- 2.12 HKC Corporation
  - 2.12.1 HKC Corporation Details
  - 2.12.2 HKC Corporation Major Business
  - 2.12.3 HKC Corporation Dual-gate Thin-film Transistors Product and Services
  - 2.12.4 HKC Corporation Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.12.5 HKC Corporation Recent Developments/Updates

## 2.13 Truly International

### 2.13.1 Truly International Details

### 2.13.2 Truly International Major Business

### 2.13.3 Truly International Dual-gate Thin-film Transistors Product and Services

### 2.13.4 Truly International Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.13.5 Truly International Recent Developments/Updates

## 2.14 HannStar Display

### 2.14.1 HannStar Display Details

### 2.14.2 HannStar Display Major Business

### 2.14.3 HannStar Display Dual-gate Thin-film Transistors Product and Services

### 2.14.4 HannStar Display Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.14.5 HannStar Display Recent Developments/Updates

## 2.15 Giantplus Technology

### 2.15.1 Giantplus Technology Details

### 2.15.2 Giantplus Technology Major Business

### 2.15.3 Giantplus Technology Dual-gate Thin-film Transistors Product and Services

### 2.15.4 Giantplus Technology Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.15.5 Giantplus Technology Recent Developments/Updates

## 2.16 Chongqing Konka Display

### 2.16.1 Chongqing Konka Display Details

### 2.16.2 Chongqing Konka Display Major Business

### 2.16.3 Chongqing Konka Display Dual-gate Thin-film Transistors Product and Services

### 2.16.4 Chongqing Konka Display Dual-gate Thin-film Transistors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.16.5 Chongqing Konka Display Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: DUAL-GATE THIN-FILM TRANSISTORS BY MANUFACTURER**

### 3.1 Global Dual-gate Thin-film Transistors Sales Quantity by Manufacturer (2021-2026)

### 3.2 Global Dual-gate Thin-film Transistors Revenue by Manufacturer (2021-2026)

### 3.3 Global Dual-gate Thin-film Transistors Average Price by Manufacturer (2021-2026)

### 3.4 Market Share Analysis (2025)

#### 3.4.1 Producer Shipments of Dual-gate Thin-film Transistors by Manufacturer Revenue (\$MM) and Market Share (%): 2025

#### 3.4.2 Top 3 Dual-gate Thin-film Transistors Manufacturer Market Share in 2025

- 3.4.3 Top 6 Dual-gate Thin-film Transistors Manufacturer Market Share in 2025
- 3.5 Dual-gate Thin-film Transistors Market: Overall Company Footprint Analysis
  - 3.5.1 Dual-gate Thin-film Transistors Market: Region Footprint
  - 3.5.2 Dual-gate Thin-film Transistors Market: Company Product Type Footprint
  - 3.5.3 Dual-gate Thin-film Transistors Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Dual-gate Thin-film Transistors Market Size by Region
  - 4.1.1 Global Dual-gate Thin-film Transistors Sales Quantity by Region (2021-2032)
  - 4.1.2 Global Dual-gate Thin-film Transistors Consumption Value by Region (2021-2032)
  - 4.1.3 Global Dual-gate Thin-film Transistors Average Price by Region (2021-2032)
- 4.2 North America Dual-gate Thin-film Transistors Consumption Value (2021-2032)
- 4.3 Europe Dual-gate Thin-film Transistors Consumption Value (2021-2032)
- 4.4 Asia-Pacific Dual-gate Thin-film Transistors Consumption Value (2021-2032)
- 4.5 South America Dual-gate Thin-film Transistors Consumption Value (2021-2032)
- 4.6 Middle East & Africa Dual-gate Thin-film Transistors Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)
- 5.2 Global Dual-gate Thin-film Transistors Consumption Value by Type (2021-2032)
- 5.3 Global Dual-gate Thin-film Transistors Average Price by Type (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2032)
- 6.2 Global Dual-gate Thin-film Transistors Consumption Value by Application (2021-2032)
- 6.3 Global Dual-gate Thin-film Transistors Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)
- 7.2 North America Dual-gate Thin-film Transistors Sales Quantity by Application

(2021-2032)

### 7.3 North America Dual-gate Thin-film Transistors Market Size by Country

#### 7.3.1 North America Dual-gate Thin-film Transistors Sales Quantity by Country

(2021-2032)

#### 7.3.2 North America Dual-gate Thin-film Transistors Consumption Value by Country

(2021-2032)

#### 7.3.3 United States Market Size and Forecast (2021-2032)

#### 7.3.4 Canada Market Size and Forecast (2021-2032)

#### 7.3.5 Mexico Market Size and Forecast (2021-2032)

## 8 EUROPE

### 8.1 Europe Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)

### 8.2 Europe Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2032)

### 8.3 Europe Dual-gate Thin-film Transistors Market Size by Country

#### 8.3.1 Europe Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2032)

#### 8.3.2 Europe Dual-gate Thin-film Transistors Consumption Value by Country

(2021-2032)

#### 8.3.3 Germany Market Size and Forecast (2021-2032)

#### 8.3.4 France Market Size and Forecast (2021-2032)

#### 8.3.5 United Kingdom Market Size and Forecast (2021-2032)

#### 8.3.6 Russia Market Size and Forecast (2021-2032)

#### 8.3.7 Italy Market Size and Forecast (2021-2032)

## 9 ASIA-PACIFIC

### 9.1 Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)

### 9.2 Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Application

(2021-2032)

### 9.3 Asia-Pacific Dual-gate Thin-film Transistors Market Size by Region

#### 9.3.1 Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Region

(2021-2032)

#### 9.3.2 Asia-Pacific Dual-gate Thin-film Transistors Consumption Value by Region

(2021-2032)

#### 9.3.3 China Market Size and Forecast (2021-2032)

#### 9.3.4 Japan Market Size and Forecast (2021-2032)

#### 9.3.5 South Korea Market Size and Forecast (2021-2032)

#### 9.3.6 India Market Size and Forecast (2021-2032)

#### 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

### 9.3.8 Australia Market Size and Forecast (2021-2032)

## 10 SOUTH AMERICA

### 10.1 South America Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)

### 10.2 South America Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2032)

### 10.3 South America Dual-gate Thin-film Transistors Market Size by Country

#### 10.3.1 South America Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2032)

#### 10.3.2 South America Dual-gate Thin-film Transistors Consumption Value by Country (2021-2032)

#### 10.3.3 Brazil Market Size and Forecast (2021-2032)

#### 10.3.4 Argentina Market Size and Forecast (2021-2032)

## 11 MIDDLE EAST & AFRICA

### 11.1 Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2032)

### 11.2 Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2032)

### 11.3 Middle East & Africa Dual-gate Thin-film Transistors Market Size by Country

#### 11.3.1 Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2032)

#### 11.3.2 Middle East & Africa Dual-gate Thin-film Transistors Consumption Value by Country (2021-2032)

#### 11.3.3 Turkey Market Size and Forecast (2021-2032)

#### 11.3.4 Egypt Market Size and Forecast (2021-2032)

#### 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

#### 11.3.6 South Africa Market Size and Forecast (2021-2032)

## 12 MARKET DYNAMICS

### 12.1 Dual-gate Thin-film Transistors Market Drivers

### 12.2 Dual-gate Thin-film Transistors Market Restraints

### 12.3 Dual-gate Thin-film Transistors Trends Analysis

### 12.4 Porters Five Forces Analysis

#### 12.4.1 Threat of New Entrants

- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Dual-gate Thin-film Transistors and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Dual-gate Thin-film Transistors
- 13.3 Dual-gate Thin-film Transistors Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Dual-gate Thin-film Transistors Typical Distributors
- 14.3 Dual-gate Thin-film Transistors Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Dual-gate Thin-film Transistors Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Dual-gate Thin-film Transistors Consumption Value by Gate Structure, (USD Million), 2021 & 2025 & 2032

Table 3. Global Dual-gate Thin-film Transistors Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Samsung Display Basic Information, Manufacturing Base and Competitors

Table 5. Samsung Display Major Business

Table 6. Samsung Display Dual-gate Thin-film Transistors Product and Services

Table 7. Samsung Display Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Samsung Display Recent Developments/Updates

Table 9. LG Display Basic Information, Manufacturing Base and Competitors

Table 10. LG Display Major Business

Table 11. LG Display Dual-gate Thin-film Transistors Product and Services

Table 12. LG Display Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. LG Display Recent Developments/Updates

Table 14. BOE Technology Basic Information, Manufacturing Base and Competitors

Table 15. BOE Technology Major Business

Table 16. BOE Technology Dual-gate Thin-film Transistors Product and Services

Table 17. BOE Technology Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. BOE Technology Recent Developments/Updates

Table 19. AU Optronics Basic Information, Manufacturing Base and Competitors

Table 20. AU Optronics Major Business

Table 21. AU Optronics Dual-gate Thin-film Transistors Product and Services

Table 22. AU Optronics Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. AU Optronics Recent Developments/Updates

Table 24. Innolux Basic Information, Manufacturing Base and Competitors

Table 25. Innolux Major Business

- Table 26. Innolux Dual-gate Thin-film Transistors Product and Services
- Table 27. Innolux Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 28. Innolux Recent Developments/Updates
- Table 29. Sharp Basic Information, Manufacturing Base and Competitors
- Table 30. Sharp Major Business
- Table 31. Sharp Dual-gate Thin-film Transistors Product and Services
- Table 32. Sharp Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 33. Sharp Recent Developments/Updates
- Table 34. Japan Display Basic Information, Manufacturing Base and Competitors
- Table 35. Japan Display Major Business
- Table 36. Japan Display Dual-gate Thin-film Transistors Product and Services
- Table 37. Japan Display Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 38. Japan Display Recent Developments/Updates
- Table 39. Tianma Microelectronics Basic Information, Manufacturing Base and Competitors
- Table 40. Tianma Microelectronics Major Business
- Table 41. Tianma Microelectronics Dual-gate Thin-film Transistors Product and Services
- Table 42. Tianma Microelectronics Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 43. Tianma Microelectronics Recent Developments/Updates
- Table 44. Visionox Technology Basic Information, Manufacturing Base and Competitors
- Table 45. Visionox Technology Major Business
- Table 46. Visionox Technology Dual-gate Thin-film Transistors Product and Services
- Table 47. Visionox Technology Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 48. Visionox Technology Recent Developments/Updates
- Table 49. TCL Technology Basic Information, Manufacturing Base and Competitors
- Table 50. TCL Technology Major Business
- Table 51. TCL Technology Dual-gate Thin-film Transistors Product and Services
- Table 52. TCL Technology Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. TCL Technology Recent Developments/Updates

Table 54. Shanghai EverDisplay Basic Information, Manufacturing Base and Competitors

Table 55. Shanghai EverDisplay Major Business

Table 56. Shanghai EverDisplay Dual-gate Thin-film Transistors Product and Services

Table 57. Shanghai EverDisplay Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Shanghai EverDisplay Recent Developments/Updates

Table 59. HKC Corporation Basic Information, Manufacturing Base and Competitors

Table 60. HKC Corporation Major Business

Table 61. HKC Corporation Dual-gate Thin-film Transistors Product and Services

Table 62. HKC Corporation Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. HKC Corporation Recent Developments/Updates

Table 64. Truly International Basic Information, Manufacturing Base and Competitors

Table 65. Truly International Major Business

Table 66. Truly International Dual-gate Thin-film Transistors Product and Services

Table 67. Truly International Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Truly International Recent Developments/Updates

Table 69. HannStar Display Basic Information, Manufacturing Base and Competitors

Table 70. HannStar Display Major Business

Table 71. HannStar Display Dual-gate Thin-film Transistors Product and Services

Table 72. HannStar Display Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. HannStar Display Recent Developments/Updates

Table 74. Giantplus Technology Basic Information, Manufacturing Base and Competitors

Table 75. Giantplus Technology Major Business

Table 76. Giantplus Technology Dual-gate Thin-film Transistors Product and Services

Table 77. Giantplus Technology Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Giantplus Technology Recent Developments/Updates

Table 79. Chongqing Konka Display Basic Information, Manufacturing Base and

## Competitors

Table 80. Chongqing Konka Display Major Business

Table 81. Chongqing Konka Display Dual-gate Thin-film Transistors Product and Services

Table 82. Chongqing Konka Display Dual-gate Thin-film Transistors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. Chongqing Konka Display Recent Developments/Updates

Table 84. Global Dual-gate Thin-film Transistors Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 85. Global Dual-gate Thin-film Transistors Revenue by Manufacturer (2021-2026) & (USD Million)

Table 86. Global Dual-gate Thin-film Transistors Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 87. Market Position of Manufacturers in Dual-gate Thin-film Transistors, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 88. Head Office and Dual-gate Thin-film Transistors Production Site of Key Manufacturer

Table 89. Dual-gate Thin-film Transistors Market: Company Product Type Footprint

Table 90. Dual-gate Thin-film Transistors Market: Company Product Application Footprint

Table 91. Dual-gate Thin-film Transistors New Market Entrants and Barriers to Market Entry

Table 92. Dual-gate Thin-film Transistors Mergers, Acquisition, Agreements, and Collaborations

Table 93. Global Dual-gate Thin-film Transistors Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 94. Global Dual-gate Thin-film Transistors Sales Quantity by Region (2021-2026) & (K Units)

Table 95. Global Dual-gate Thin-film Transistors Sales Quantity by Region (2027-2032) & (K Units)

Table 96. Global Dual-gate Thin-film Transistors Consumption Value by Region (2021-2026) & (USD Million)

Table 97. Global Dual-gate Thin-film Transistors Consumption Value by Region (2027-2032) & (USD Million)

Table 98. Global Dual-gate Thin-film Transistors Average Price by Region (2021-2026) & (US\$/Unit)

Table 99. Global Dual-gate Thin-film Transistors Average Price by Region (2027-2032) & (US\$/Unit)

Table 100. Global Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 101. Global Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 102. Global Dual-gate Thin-film Transistors Consumption Value by Type (2021-2026) & (USD Million)

Table 103. Global Dual-gate Thin-film Transistors Consumption Value by Type (2027-2032) & (USD Million)

Table 104. Global Dual-gate Thin-film Transistors Average Price by Type (2021-2026) & (US\$/Unit)

Table 105. Global Dual-gate Thin-film Transistors Average Price by Type (2027-2032) & (US\$/Unit)

Table 106. Global Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 107. Global Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 108. Global Dual-gate Thin-film Transistors Consumption Value by Application (2021-2026) & (USD Million)

Table 109. Global Dual-gate Thin-film Transistors Consumption Value by Application (2027-2032) & (USD Million)

Table 110. Global Dual-gate Thin-film Transistors Average Price by Application (2021-2026) & (US\$/Unit)

Table 111. Global Dual-gate Thin-film Transistors Average Price by Application (2027-2032) & (US\$/Unit)

Table 112. North America Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 113. North America Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 114. North America Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 115. North America Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 116. North America Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2026) & (K Units)

Table 117. North America Dual-gate Thin-film Transistors Sales Quantity by Country (2027-2032) & (K Units)

Table 118. North America Dual-gate Thin-film Transistors Consumption Value by Country (2021-2026) & (USD Million)

Table 119. North America Dual-gate Thin-film Transistors Consumption Value by

Country (2027-2032) & (USD Million)

Table 120. Europe Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 121. Europe Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 122. Europe Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 123. Europe Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 124. Europe Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2026) & (K Units)

Table 125. Europe Dual-gate Thin-film Transistors Sales Quantity by Country (2027-2032) & (K Units)

Table 126. Europe Dual-gate Thin-film Transistors Consumption Value by Country (2021-2026) & (USD Million)

Table 127. Europe Dual-gate Thin-film Transistors Consumption Value by Country (2027-2032) & (USD Million)

Table 128. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 129. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 130. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 131. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 132. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Region (2021-2026) & (K Units)

Table 133. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity by Region (2027-2032) & (K Units)

Table 134. Asia-Pacific Dual-gate Thin-film Transistors Consumption Value by Region (2021-2026) & (USD Million)

Table 135. Asia-Pacific Dual-gate Thin-film Transistors Consumption Value by Region (2027-2032) & (USD Million)

Table 136. South America Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 137. South America Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 138. South America Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 139. South America Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 140. South America Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2026) & (K Units)

Table 141. South America Dual-gate Thin-film Transistors Sales Quantity by Country (2027-2032) & (K Units)

Table 142. South America Dual-gate Thin-film Transistors Consumption Value by Country (2021-2026) & (USD Million)

Table 143. South America Dual-gate Thin-film Transistors Consumption Value by Country (2027-2032) & (USD Million)

Table 144. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Type (2021-2026) & (K Units)

Table 145. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Type (2027-2032) & (K Units)

Table 146. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Application (2021-2026) & (K Units)

Table 147. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Application (2027-2032) & (K Units)

Table 148. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Country (2021-2026) & (K Units)

Table 149. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity by Country (2027-2032) & (K Units)

Table 150. Middle East & Africa Dual-gate Thin-film Transistors Consumption Value by Country (2021-2026) & (USD Million)

Table 151. Middle East & Africa Dual-gate Thin-film Transistors Consumption Value by Country (2027-2032) & (USD Million)

Table 152. Dual-gate Thin-film Transistors Raw Material

Table 153. Key Manufacturers of Dual-gate Thin-film Transistors Raw Materials

Table 154. Dual-gate Thin-film Transistors Typical Distributors

Table 155. Dual-gate Thin-film Transistors Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Dual-gate Thin-film Transistors Picture
- Figure 2. Global Dual-gate Thin-film Transistors Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Dual-gate Thin-film Transistors Revenue Market Share by Type in 2025
- Figure 4. Coplanar Dual-gate TFTs Examples
- Figure 5. Staggered Dual-gate TFTs Examples
- Figure 6. Vertical Dual-gate TFTs Examples
- Figure 7. Self-aligned Dual-gate TFTs Examples
- Figure 8. Global Dual-gate Thin-film Transistors Revenue by Gate Structure, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Dual-gate Thin-film Transistors Revenue Market Share by Gate Structure in 2025
- Figure 10. Symmetric Dual-gate TFTs Examples
- Figure 11. Asymmetric Dual-gate TFTs Examples
- Figure 12. Global Dual-gate Thin-film Transistors Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 13. Global Dual-gate Thin-film Transistors Revenue Market Share by Application in 2025
- Figure 14. Display Screens Examples
- Figure 15. Wearable Electronics Examples
- Figure 16. Automotive Electronics Examples
- Figure 17. Industrial Sensors Examples
- Figure 18. Others Examples
- Figure 19. Global Dual-gate Thin-film Transistors Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 20. Global Dual-gate Thin-film Transistors Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 21. Global Dual-gate Thin-film Transistors Sales Quantity (2021-2032) & (K Units)
- Figure 22. Global Dual-gate Thin-film Transistors Price (2021-2032) & (US\$/Unit)
- Figure 23. Global Dual-gate Thin-film Transistors Sales Quantity Market Share by Manufacturer in 2025
- Figure 24. Global Dual-gate Thin-film Transistors Revenue Market Share by Manufacturer in 2025

Figure 25. Producer Shipments of Dual-gate Thin-film Transistors by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 26. Top 3 Dual-gate Thin-film Transistors Manufacturer (Revenue) Market Share in 2025

Figure 27. Top 6 Dual-gate Thin-film Transistors Manufacturer (Revenue) Market Share in 2025

Figure 28. Global Dual-gate Thin-film Transistors Sales Quantity Market Share by Region (2021-2032)

Figure 29. Global Dual-gate Thin-film Transistors Consumption Value Market Share by Region (2021-2032)

Figure 30. North America Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 31. Europe Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 32. Asia-Pacific Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 33. South America Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 34. Middle East & Africa Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 35. Global Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 36. Global Dual-gate Thin-film Transistors Consumption Value Market Share by Type (2021-2032)

Figure 37. Global Dual-gate Thin-film Transistors Average Price by Type (2021-2032) & (US\$/Unit)

Figure 38. Global Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 39. Global Dual-gate Thin-film Transistors Revenue Market Share by Application (2021-2032)

Figure 40. Global Dual-gate Thin-film Transistors Average Price by Application (2021-2032) & (US\$/Unit)

Figure 41. North America Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 42. North America Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 43. North America Dual-gate Thin-film Transistors Sales Quantity Market Share by Country (2021-2032)

Figure 44. North America Dual-gate Thin-film Transistors Consumption Value Market

Share by Country (2021-2032)

Figure 45. United States Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 46. Canada Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 47. Mexico Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 48. Europe Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 49. Europe Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 50. Europe Dual-gate Thin-film Transistors Sales Quantity Market Share by Country (2021-2032)

Figure 51. Europe Dual-gate Thin-film Transistors Consumption Value Market Share by Country (2021-2032)

Figure 52. Germany Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 53. France Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 54. United Kingdom Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 55. Russia Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 56. Italy Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 57. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 58. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 59. Asia-Pacific Dual-gate Thin-film Transistors Sales Quantity Market Share by Region (2021-2032)

Figure 60. Asia-Pacific Dual-gate Thin-film Transistors Consumption Value Market Share by Region (2021-2032)

Figure 61. China Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 62. Japan Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 63. South Korea Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 64. India Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 65. Southeast Asia Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 66. Australia Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 67. South America Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 68. South America Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 69. South America Dual-gate Thin-film Transistors Sales Quantity Market Share by Country (2021-2032)

Figure 70. South America Dual-gate Thin-film Transistors Consumption Value Market Share by Country (2021-2032)

Figure 71. Brazil Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 72. Argentina Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 73. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity Market Share by Type (2021-2032)

Figure 74. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity Market Share by Application (2021-2032)

Figure 75. Middle East & Africa Dual-gate Thin-film Transistors Sales Quantity Market Share by Country (2021-2032)

Figure 76. Middle East & Africa Dual-gate Thin-film Transistors Consumption Value Market Share by Country (2021-2032)

Figure 77. Turkey Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 78. Egypt Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 79. Saudi Arabia Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 80. South Africa Dual-gate Thin-film Transistors Consumption Value (2021-2032) & (USD Million)

Figure 81. Dual-gate Thin-film Transistors Market Drivers

Figure 82. Dual-gate Thin-film Transistors Market Restraints

Figure 83. Dual-gate Thin-film Transistors Market Trends

Figure 84. Porters Five Forces Analysis

Figure 85. Manufacturing Cost Structure Analysis of Dual-gate Thin-film Transistors in

2025

Figure 86. Manufacturing Process Analysis of Dual-gate Thin-film Transistors

Figure 87. Dual-gate Thin-film Transistors Industrial Chain

Figure 88. Sales Channel: Direct to End-User vs Distributors

Figure 89. Direct Channel Pros & Cons

Figure 90. Indirect Channel Pros & Cons

Figure 91. Methodology

Figure 92. Research Process and Data Source

## I would like to order

Product name: Global Dual-gate Thin-film Transistors Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G21D4076B70AEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G21D4076B70AEN.html>