

Flexible Electronics: Global Markets

https://marketpublishers.com/r/FDD5AAB61310EN.html Date: March 2022 Pages: 121 Price: US\$ 5,500.00 (Single User License) ID: FDD5AAB61310EN

Abstracts

Report Scope:

The report provides an overview of the global market for flexible electronics and analyzes market trends. Using 2020 as the base year, the report provides estimated market data for the forecast period 2021 through 2026. Revenue forecasts for this period are segmented based on solution type, industry, and region. The report also focuses on the major driving trends and challenges that affect the market. The report explains the current trends in the flexible electronics market. The report concludes with detailed profiles of the major players in the global flexible electronics market.

Report Includes:

37 data tables and 49 additional tables

An overview of the global market for flexible electronics within the industry

Analyses of the global market trends, with data from 2020 to 2021, estimates for 2022 and projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the overall flexible electronics market size, forecasted growth trends and corresponding market share analysis by technology, application, end-user industry and region

Understanding of concepts related to implications of flexibility, dynamic interferometry and fabrication technologies

In-depth information (facts and figures) concerning market drivers, market deterrents and other demographic and economic factors that will drive future



demand for this market

Review of recent industry trends, value chain analysis, competitive landscape and COVID-19 implications within the consumer electronics marketplace

Company profiles of the major global players, including AU Optronics, E Ink, Konica Minolta, Panasonic and Tekscan



Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives Reasons for Doing This Study Scope of Report Information Sources Methodology Intended Audience Geographic Breakdown Analyst's Credentials BCC Custom Research Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

Technology Overview Evolution of Flexible Electronics Types of Material Substrate Electrode Material Functional Materials Market Drivers Economical Cost of Substrate and Cost-Benefit Advantage of Flexible Electronic Devices Huge Development in Terms of Smart Home and Industry 4.0 Market Restraint Complicated Design and Assembly Process Impact of COVID-19 on Flexible Electronics Market

CHAPTER 4 MARKET BREAKDOWN BY SOLUTION TYPE

Introduction Hardware Displays Sensors

Flexible Electronics: Global Markets



Batteries Circuit Boards Lighting Others Software and Services

CHAPTER 5 MARKET BREAKDOWN BY INDUSTRY

Introduction Consumer Electronics Healthcare Diabetes Care Elder Population Testing and Monitoring Quality of Life Medical Electronics Automotive Aerospace and Defense Energy and Power Others

CHAPTER 6 MARKET BREAKDOWN BY REGION

Introduction North America **United States** Canada Europe United Kingdom Germany France Italy **Rest of Europe** Asia-Pacific China Japan India **Rest of Asia-Pacific** South America

Flexible Electronics: Global Markets



Middle East and Africa

CHAPTER 7 COMPETITIVE LANDSCAPE

Strategic Analysis Product Innovations Collaborations, Partnerships and Agreements

CHAPTER 8 COMPANY PROFILES

AU OPTRONICS CORP. BLUE SPARK TECHNOLOGIES BRIGHTVOLT SOLID STATE BATTERIES BUHLER CUBBISON CO. (THE) E INK ENFUCELL FLEXIBLE ELECTRONICS ENSURGE FLEXENABLE LTD. IMPRINT ENERGY KONICA MINOLTA INC. PANASONIC CORP. PRAGMATIC SEMICONDUCTOR ROYOLE CORP. TEKSCAN INC.

CHAPTER 9 APPENDIX: LIST OF ACRONYMS



List Of Tables

LIST OF TABLES

Summary Table: Global Flexible Electronics Market, by Application, Through 2026

- Table 1: Flexible Electronics Evolution Timeline
- Table 2: Substrate Material
- Table 3: Electrode Materials
- Table 4: List of Functional Materials
- Table 5: Application of Plastic Polymer
- Table 6: Substrate Classification
- Table 7: Various TFT Specifications
- Table 8: Global Market for Flexible Electronics, by Solution Type, Through 2026
- Table 9: Global Market for Flexible Electronics, by Hardware Solution Type, Through2026

Table 10: Global Market for Flexible Electronics Hardware Solutions, by Region, Through 2026

- Table 11: Comparison Between Plastic OLCD and LCD
- Table 12: Global Market for Displays in Flexible Electronics, by Region, Through 2026
- Table 13: Global Market for Sensors in Flexible Electronics, by Region, Through 2026
- Table 14: Global Market for Batteries in Flexible Electronics, by Region, Through 2026
- Table 15: Major IPC Standards for Rigid and Flexible Printed Circuit Board
- Table 16: Global Market for Circuit Boards in Flexible Electronics, by Region, Through 2026
- Table 17: Global Market for Lighting in Flexible Electronics, by Region, Through 2026
- Table 18: Global Market for Other Hardware Solutions in Flexible Electronics, by Region, Through 2026

Table 19: Global Market for Software and Services in Flexible Electronics, by Region, Through 2026

Table 20: Global Market for Flexible Electronics, by Industry, Through 2026

Table 21: Global Market for Flexible Electronics in the Consumer Electronics Industry, by Region, Through 2026

Table 22: Global Market for Flexible Electronics in the Healthcare Industry, by Region, Through 2026

Table 23: Global Market for Flexible Electronics in the Automotive Industry, by Region, Through 2026

Table 24: Global Market for Flexible Electronics in the Aerospace and Defense Industry, by Region, Through 2026

Table 25: Global Market for Flexible Electronics in the Energy and Power Industry, by



Region, Through 2026

Table 26: Global Market for Flexible Electronics in Other Industries, by Region, Through 2026

Table 27: Global Market for Flexible Electronics, by Region, Through 2026

Table 28: North American Market for Flexible Electronics, by Country, Through 2026

Table 29: North American Market for Flexible Electronics, by Solution Type, Through 2026

Table 30: North American Market for Flexible Electronics, by Hardware Solution Type, Through 2026

Table 31: North American Market for Flexible Electronics, by Industry, Through 2026

 Table 32: European Market for Flexible Electronics, by Country, Through 2026

Table 33: European Market for Flexible Electronics, by Solution Type, Through 2026

Table 34: European Market for Flexible Electronics, by Hardware Solution Type, Through 2026

 Table 35: European Market for Flexible Electronics, by Industry, Through 2026

Table 36: Asia-Pacific Market for Flexible Electronics, by Country, Through 2026

Table 37: Asia-Pacific Market for Flexible Electronics, by Solution Type, Through 2026

Table 38: Asia-Pacific Market for Flexible Electronics, by Hardware Solution Type, Through 2026

Table 39: Asia-Pacific Market for Flexible Electronics, by Industry, Through 2026 Table 40: South American Market for Flexible Electronics, by Solution Type, Through 2026

Table 41: South American Market for Flexible Electronics, by Hardware Solution Type, Through 2026

Table 42: South American Market for Flexible Electronics, by Industry, Through 2026 Table 43: Middle Eastern and African Market for Flexible Electronics, by Solution Type, Through 2026

Table 44: Middle Eastern and African Market for Flexible Electronics, by Hardware Solution Type, Through 2026

Table 45: Middle Eastern and African Market for Flexible Electronics, by Industry, Through 2026

Table 46: Global Flexible Electronics Market, Product Innovations, March2020-December 2021

Table 47: Global Flexible Electronics Partnerships, March 2020-November 2021

Table 48: AU Optronics: Company Snapshot

Table 49: AU Optronics: Product Information

Table 50: AU Optronics: Recent Developments

Table 51: BlueSpark Technologies: Company Snapshot

 Table 52: BlueSpark Technologies: Product Information



Table 53: BlueSpark Technologies: Recent Developments Table 54: BrightVolt: Company Snapshot Table 55: BrightVolt: Product Information Table 56: Buhler: Company Snapshot Table 57: Buhler: Product Information Table 58: Cubbison: Company Spotlight Table 59: Cubbison: Product Information Table 60: E Ink: Company Snapshot Table 61: E Ink: Product Information Table 62: E Ink: Recent Developments Table 63: Enfucell: Company Snapshot Table 64: Enfucell: Product Information Table 65: Ensurge: Company Snapshot Table 66: Ensurge: Product Information Table 67: FlexEnable: Company Snapshot Table 68: FlexEnable: Product Information Table 69: Imprint Energy: Company Snapshot Table 70: Imprint Energy: Product Information Table 71: Konica Minolta: Company Snapshot Table 72: Konica Minolta: Product Information Table 73: Panasonic: Company Profile Table 74: Panasonic: Product Information Table 75: Panasonic: Recent Developments Table 76: PragmatIC Semiconductor: Company Snapshot Table 77: PragmatIC Semiconductor: Product Information Table 78: PragmatIC Semiconductor: Recent Developments Table 79: Royole: Company Snapshot Table 80: Royole: Product Information Table 81: Royole: Recent Developments Table 82: Tekscan: Company Snapshot Table 83: Tekscan: Product Information Table 84: Tekscan: Recent Developments Table 85: List of Acronyms



List Of Figures

LIST OF FIGURES

Summary Figure: Global Flexible Electronics Market, 2020-2026

Figure 1: Components of Flexible Electronic Devices

Figure 2: Global Market Share for Flexible Electronics, by Solution Type, 2020

Figure 3: Global Market Share for Flexible Electronics, by Hardware Solution Type, 2020

Figure 4: Global Market Share for Flexible Electronics Hardware Solutions, by Region, 2020

Figure 5: Global Market Share for Displays in Flexible Electronics, by Region, 2020

Figure 6: Global Market Share for Sensors in Flexible Electronics, by Region, 2020

Figure 7: Global Market Share for Batteries in Flexible Electronics, by Region, 2020

Figure 8: Difference Between Flexible PCB and PCB

Figure 9: Global Market Share for Circuit Boards in Flexible Electronics, by Region, 2020

Figure 10: Global Market Share for Lighting in Flexible Electronics, by Region, 2020

Figure 11: Flexible Printed RFID Manufacturing Process

Figure 12: Global Market Share for Other Hardware Solutions in Flexible Electronics, by Region, 2020

Figure 13: Global Market Share for Software and Services in Flexible Electronics, by Region, 2020

Figure 14: Global Market Share for Flexible Electronics, by Industry, 2020

Figure 15: Global Market Share for Flexible Electronics in Consumer Electronics Industry, by Region, 2020

Figure 16: Global Market Share for Flexible Electronics in the Healthcare Industry, by Region, 2020

Figure 17: Global Market Share for Flexible Electronics in the Automotive Industry, by Region, 2020

Figure 18: Global Market Share for Flexible Electronics in the Aerospace and Defense Industry, by Region, 2020

Figure 19: Global Market Share for Flexible Electronics in the Energy and Power Industry, by Region, 2020

Figure 20: Global Market Share for Flexible Electronics in Other Industries, by Region, 2020

Figure 21: Global Market Share for Flexible Electronics, by Region, 2020

Figure 22: North American Market Share for Flexible Electronics, by Country, 2020

Figure 23: North American Market Share for Flexible Electronics, by Solution Type,



2020

Figure 24: North American Market Share for Flexible Electronics, by Hardware Solution Type, 2020

Figure 25: North American Market for Flexible Electronics, by Industry, 2020

Figure 26: U.S. Market for Flexible Electronics, 2020-2026

Figure 27: Canadian Market for Flexible Electronics, 2020-2026

Figure 28: European Market Share for Flexible Electronics, by Country, 2020

Figure 29: European Market Share for Flexible Electronics, by Solution Type, 2020

Figure 30: European Market Share for Flexible Electronics, by Hardware Solution Type, 2020

Figure 31: European Market Share for Flexible Electronics, by Industry, 2020

Figure 32: U.K. Market for Flexible Electronics, 2020-2026

Figure 33: German Market for Flexible Electronics, 2020-2026

Figure 34: French Market for Flexible Electronics, 2020-2026

Figure 35: Italian Market for Flexible Electronics, 2020-2026

Figure 36: Rest of European Market for Flexible Electronics, 2020-2026

Figure 37: Asia-Pacific Market Share for Flexible Electronics, by Country, 2020

Figure 38: Asia-Pacific Market Share for Flexible Electronics, by Solution Type, 2020

Figure 39: Asia-Pacific Market Share for Flexible Electronics, by Hardware Solution

Туре, 2020

Figure 40: Asia-Pacific Market Share for Flexible Electronics, by Industry, 2020

Figure 41: Chinese Market for Flexible Electronics, 2020-2026

Figure 42: Japanese Market for Flexible Electronics, 2020-2026

Figure 43: Indian Market for Flexible Electronics, 2020-2026

Figure 44: Rest of Asia-Pacific Market for Flexible Electronics, 2020-2026

Figure 45: South American Market Share for Flexible Electronics, by Solution Type, 2020

Figure 46: South American Market Share for Flexible Electronics, by Hardware Solution Type, 2020

Figure 47: South American Market Share for Flexible Electronics, by Industry, 2020

Figure 48: Middle Eastern and African Market Share for Flexible Electronics, by Solution Type, 2020

Figure 49: Middle Eastern and African Market Share for Flexible Electronics, by Hardware Solution Type, 2020

Figure 50: Middle Eastern and African Market Share for Flexible Electronics, by Industry, 2020

Figure 51: AUO Geographic Distribution of Net Sales, March 2021

Figure 52: E Ink: Geographic Distribution of Net Sales, March 2021

Figure 53: Konica Minolta: Geographic Distribution of Net Sales, March 2021



I would like to order

Product name: Flexible Electronics: Global Markets

Product link: https://marketpublishers.com/r/FDD5AAB61310EN.html

Price: US\$ 5,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/FDD5AAB61310EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970