

# **Surface Mount Technology (SMT) Market by Equipment (Placement, Inspection, Soldering, Screen Printing Equipment, Cleaning Equipment, Repair & Rework Equipment), Component, Service, End User and Geography - Global Forecast to 2028**

<https://marketpublishers.com/r/S4D00DE2DF5EN.html>

Date: March 2023

Pages: 236

Price: US\$ 4,950.00 (Single User License)

ID: S4D00DE2DF5EN

## **Abstracts**

The surface mount technology (SMT) market is projected to grow from USD 5.8 billion in 2023 to reach USD 8.4 billion by 2028; it is expected to grow at a CAGR of 7.8% during the forecast period. The major opportunities for the surface mount technology (SMT) market include the integration of biometrics and security into consumer electronics devices and medical devices.

Aerospace & defense is expected to have a significant CAGR of the surface mount technology (SMT) market during the forecast period

The aerospace and defense industry requires high-quality equipment that can deliver high performance and zero failure rate. Owing to factors such as better thermal dissipation, lighter weight, and smaller volume, surface mount technology (SMT) is replacing conventional through-hole technology in the aerospace and defense industry. Modern-day highly advanced aeronautic and defense equipment comprises electronic devices such as auto-pilot systems, radar, and flight simulation systems. Reduced component size, demand for high-density printed circuit boards, and increasing semiconductor and electronics manufacturing are driving the growth of the surface mount technology (SMT) market.

Screen printing equipment is expected to have a significant market size during the forecast period.

Screen Printing equipment is used to print customized PCBs for surface mount technology. The primary factors that must be considered while selecting Screen Printing equipment include productivity, flexibility, cost-effectiveness, and usability. The screen-printing equipment is further segmented into three types: automatic, semiautomatic, and manual. Based on the degree of automation in this equipment, the cost associated with them increases.

North America is expected to grow with the second-highest CAGR during the forecast period.

In North America, SMT assembly solutions, such as printing, placement, reflow, and board handling technologies, are used to achieve high quality and price performance in consumer electronics. The placement equipment segment in North America will grow significantly during the forecast period. The increasing demand for mobile and Internet-connected devices, consumer electronics, automotive, and telecommunications, coupled with the need for higher accuracy, product miniaturization, and improved speed, drives the growth of the SMT market for placement equipment.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key officials in the surface mount technology (SMT) market. Following is the breakup of the profiles of the primary participants for the report.

By Company Type: Tier 1 – 18 %, Tier 2 – 22%, and Tier 3 – 60%

By Designation: C-Level Executives –21%, Managers- 35%, and Others – 44%

By Region: North America– 45%, Asia Pacific – 30%, Europe- 20% and RoW – 5%

The report profiles key players in the surface mount technology (SMT) market and analyzes their market shares. Players profiled in this report are Fuji Corporation (Japan), Mycronic AB (Sweden), Nordson Corporation (US), Viscom AG (Germany), KLA Corporation (US), Juki Corporation (Japan), Hitachi High-Technologies Corporation (Japan), ASM Assembly Systems (Germany), Yamaha Motor (Japan), Saki Corporation (Japan), Europlacer (UK), Neoden (India), Panasonic Corporation (Japan), Kasdon Electronics (UK), Ohmite Manufacturing (US), KBC Electronics (US), DDM Novastar (US), ThermOmegaTech (US), Altek Electronics (US), ABL Circuits (UK), Mirtec

manufactures (South Korea), Machine Vision Products (US), Cirexx (US), 4E Technology (UK), and ACD Digital Systems (Australia).

## Research Coverage

The report defines, describes, and forecasts the surface mount technology (SMT) market based on equipment, component, service, end user industry and geography. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the surface mount technology (SMT) market. It also analyzes competitive developments such as product launches, acquisitions, expansions, contracts, partnerships, and developments carried out by the key players to grow in the market.

## Reasons to Buy This Report

The report will help leaders/new entrants in the surface mount technology (SMT) market in the following ways:

1. The report segments the surface mount technology (SMT) market comprehensively and provides the closest market size estimation for all subsegments across regions.
2. The report will help stakeholders understand the pulse of the market and provide them with information on key drivers, restraints, challenges, and opportunities in the surface mount technology (SMT) market.
3. The report will help stakeholders understand their competitors better and gain insights to improve their position in the surface mount technology (SMT) market. The competitive landscape section describes the competitor ecosystem.
4. Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the surface mount technology (SMT) market
5. In-depth assessment of market shares, growth strategies and equipment offerings of leading players like Fuji Corporation (Japan), Mycronic AB (Sweden), Nordson Corporation (US), KLA Corporation (US), Yamaha Motor (Japan) among others.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

#### 1.3 STUDY SCOPE

##### 1.3.1 MARKETS COVERED

#### FIGURE 1 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: SEGMENTATION

##### 1.3.2 INCLUSIONS AND EXCLUSIONS

##### 1.3.3 REGIONAL SCOPE

#### FIGURE 2 REGIONAL SCOPE

##### 1.3.4 YEARS CONSIDERED

#### 1.4 CURRENCY CONSIDERED

#### 1.5 LIMITATIONS

#### 1.6 STAKEHOLDERS

#### 1.7 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

#### FIGURE 3 PROCESS FLOW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET SIZE ESTIMATION

#### FIGURE 4 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: RESEARCH DESIGN

##### 2.1.1 SECONDARY AND PRIMARY RESEARCH

##### 2.1.2 SECONDARY DATA

###### 2.1.2.1 Secondary sources

###### 2.1.2.2 List of key secondary sources

##### 2.1.3 PRIMARY DATA

###### 2.1.3.1 Primary sources

###### 2.1.3.2 Key industry insights

###### 2.1.3.3 Primary interviews with experts

###### 2.1.3.4 List of key primary respondents

###### 2.1.3.5 Breakdown of primaries

#### 2.2 MARKET SIZE ESTIMATION

##### 2.2.1 BOTTOM-UP APPROACH

###### 2.2.1.1 Approach to derive market size using demand-side analysis

#### FIGURE 5 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: BOTTOM-UP APPROACH

## 2.2.2 TOP-DOWN APPROACH

### 2.2.2.1 Approach to derive market size using top-down analysis

FIGURE 6 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: TOP-DOWN APPROACH

## 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 7 DATA TRIANGULATION

## 2.4 RESEARCH ASSUMPTIONS

2.5 PARAMETERS CONSIDERED TO ANALYZE IMPACT OF RECESSION ON SURFACE MOUNT TECHNOLOGY (SMT) MARKET

## 2.6 RISK ASSESSMENT

TABLE 1 ANALYSIS OF RISK FACTORS

## 3 EXECUTIVE SUMMARY

3.1 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: RECESSION IMPACT

FIGURE 8 RECESSION IMPACT: GDP GROWTH PROJECTIONS TILL 2023 FOR MAJOR ECONOMIES

FIGURE 9 RECESSION IMPACT ON SURFACE MOUNT TECHNOLOGY (SMT) MARKET, 2019–2028 (USD MILLION)

FIGURE 10 INSPECTION SEGMENT TO REGISTER HIGHEST CAGR IN SURFACE MOUNT TECHNOLOGY (SMT) MARKET FROM 2023 TO 2028

FIGURE 11 CONSUMER ELECTRONICS SEGMENT TO HOLD LARGEST SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET DURING FORECAST PERIOD

FIGURE 12 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET IN 2022

## 4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN SURFACE MOUNT TECHNOLOGY (SMT) MARKET

FIGURE 13 GROWING USE OF ADVANCED AUTOMATION SYSTEMS REQUIRING HIGHLY RELIABLE NETWORKS FOR MACHINE-TO-MACHINE (M2M) COMMUNICATION

4.2 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT

FIGURE 14 PLACEMENT SEGMENT TO ACCOUNT FOR LARGEST SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET FROM 2023 TO 2028

4.3 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY

FIGURE 15 CONSUMER ELECTRONICS SEGMENT TO HOLD LARGEST SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET FROM 2023 TO 2028

#### 4.4 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION

FIGURE 16 CHINA TO REGISTER HIGHEST CAGR IN SURFACE MOUNT TECHNOLOGY (SMT) MARKET FROM 2023 TO 2028

### 5 MARKET OVERVIEW

#### 5.1 INTRODUCTION

#### 5.2 MARKET DYNAMICS

FIGURE 17 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

##### 5.2.1 DRIVERS

5.2.1.1 Increased demand for miniaturized consumer electronics components

5.2.1.2 Growing adoption of electric vehicles (EVs)

FIGURE 18 ELECTRIC VEHICLE SALES, 2013–2020 (MILLION UNITS)

5.2.1.3 Rising need to increase productivity of electronic manufacturing services (EMS) companies

FIGURE 19 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: DRIVERS AND THEIR IMPACT

##### 5.2.2 RESTRAINTS

5.2.2.1 Requirement for high investments to set up production units

5.2.2.2 Need for high-frequency applications and thermal management

FIGURE 20 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: RESTRAINTS AND THEIR IMPACT

##### 5.2.3 OPPORTUNITIES

5.2.3.1 Integration of biometrics and security into consumer electronics and medical devices

5.2.3.2 Advent of Self-monitoring, Analysis, and Reporting Technology (SMART)

FIGURE 21 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: OPPORTUNITIES AND THEIR IMPACT

##### 5.2.4 CHALLENGES

5.2.4.1 Emergence of new assembly techniques

5.2.4.2 Challenges in repair and rework of surface mount technology (SMT)-manufactured printed circuit boards (PCBs)

FIGURE 22 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: CHALLENGES AND THEIR IMPACT

#### 5.3 VALUE CHAIN ANALYSIS

FIGURE 23 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: VALUE CHAIN ANALYSIS

##### 5.3.1 RAW MATERIAL AND CHIP PROCESSING

### 5.3.2 COMPONENT PROVIDERS

### 5.3.3 MANUFACTURING, ASSEMBLY, AND MODULE PACKAGING

### 5.3.4 END USERS

## 5.4 CASE STUDY ANALYSIS

### 5.4.1 GSI HELMHOLTZ CENTRE PARTNERED WITH ASMPT TO DEPLOY PRINTING AND PLACEMENT SOLUTIONS

## 5.5 TECHNOLOGY ANALYSIS

### 5.5.1 HIGH-DENSITY INTERCONNECT (HDI) PRINTED CIRCUIT BOARDS (PCBS)

### 5.5.2 WAFER BONDING

### 5.5.3 FLIP CHIP

### 5.5.4 FAN-OUT WAFER-LEVEL PACKAGING (FOWLP)

## 5.6 PORTER'S FIVE FORCES ANALYSIS

### FIGURE 24 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: PORTER'S FIVE FORCES ANALYSIS, 2022

### TABLE 2 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: PORTER'S FIVE FORCES ANALYSIS, 2022

#### 5.6.1 THREAT OF NEW ENTRANTS

#### 5.6.2 THREAT OF SUBSTITUTES

#### 5.6.3 BARGAINING POWER OF SUPPLIERS

#### 5.6.4 BARGAINING POWER OF BUYERS

#### 5.6.5 INTENSITY OF COMPETITIVE RIVALRY

## 5.7 PRICING ANALYSIS

### 5.7.1 AVERAGE SELLING PRICE (ASP) ANALYSIS

### TABLE 3 AVERAGE SELLING PRICE (ASP) OF KEY EQUIPMENT USED IN SMT

### 5.7.2 AVERAGE SELLING PRICE (ASP) TREND

### FIGURE 25 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: AVERAGE SELLING PRICE OF EQUIPMENT (HISTORIC)

## 5.8 KEY STAKEHOLDERS AND BUYING CRITERIA

### 5.8.1 KEY STAKEHOLDERS IN BUYING PROCESS

### FIGURE 26 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE END-USER INDUSTRIES

### TABLE 4 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE END-USER INDUSTRIES (%)

### 5.8.2 BUYING CRITERIA

### FIGURE 27 KEY BUYING CRITERIA OF TOP THREE END-USER INDUSTRIES

### TABLE 5 KEY BUYING CRITERIA OF TOP THREE END-USER INDUSTRIES

## 5.9 ECOSYSTEM ANALYSIS

### FIGURE 28 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: ECOSYSTEM ANALYSIS



## TABLE 6 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: ECOSYSTEM ANALYSIS

### 5.10 PATENT ANALYSIS

FIGURE 29 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS, 2012–2022

TABLE 7 TOP 20 PATENT OWNERS IN US, 2012–2022

FIGURE 30 NUMBER OF PATENTS GRANTED, 2012–2022

TABLE 8 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: LIST OF PATENTS

### 5.11 TARIFFS AND REGULATIONS

#### 5.11.1 TARIFFS

#### 5.11.2 TARIFF ANALYSIS

TABLE 9 TARIFF FOR MEASURING OR CHECKING INSTRUMENTS, APPLIANCES, AND MACHINES EXPORTED BY GERMANY, 2021

TABLE 10 TARIFF FOR MEASURING OR CHECKING INSTRUMENTS, APPLIANCES, AND MACHINES EXPORTED BY CHINA, 2021

TABLE 11 TARIFF FOR MEASURING OR CHECKING INSTRUMENTS, APPLIANCES, AND MACHINES EXPORTED BY JAPAN, 2021

TABLE 12 TARIFF FOR MEASURING OR CHECKING INSTRUMENTS, APPLIANCES, AND MACHINES EXPORTED BY US, 2021

TABLE 13 TARIFF FOR MEASURING OR CHECKING INSTRUMENTS, APPLIANCES, AND MACHINES EXPORTED BY SINGAPORE, 2021

#### 5.11.3 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

##### 5.11.3.1 Regulations

##### 5.11.3.2 Standards

### 5.12 TRADE ANALYSIS

#### 5.12.1 TRADE DATA FOR HS CODE 9031

FIGURE 31 IMPORT DATA, BY COUNTRY, 2017?2021 (USD THOUSAND)

FIGURE 32 EXPORT DATA, BY COUNTRY, 2017?2021 (USD THOUSAND)

### 5.13 REVENUE SHIFT AND NEW REVENUE POCKETS FOR SURFACE MOUNT TECHNOLOGY (SMT) MARKET PLAYERS

FIGURE 33 REVENUE SHIFT AND NEW REVENUE POCKETS FOR SURFACE MOUNT TECHNOLOGY (SMT) MARKET PLAYERS

### 5.14 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 14 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

## 6 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT



## 6.1 INTRODUCTION

FIGURE 34 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT

FIGURE 35 PLACEMENT EQUIPMENT TO LEAD SURFACE MOUNT TECHNOLOGY (SMT) MARKET BETWEEN 2023 AND 2028

TABLE 15 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2019–2022 (USD MILLION)

TABLE 16 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2023–2028 (USD MILLION)

## 6.2 INSPECTION EQUIPMENT

6.2.1 INCREASING FOCUS ON MANUFACTURING STABLE AND HIGH-QUALITY PRODUCTS

6.2.1.1 Laser Inspection Equipment

FIGURE 36 ADVANTAGES OF LASER INSPECTION EQUIPMENT

6.2.1.2 X-Ray inspection equipment

6.2.1.3 Optical Inspection Equipment

FIGURE 37 TYPES OF LIGHTING USED IN OPTICAL INSPECTION EQUIPMENT

TABLE 17 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 18 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 19 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD MILLION)

TABLE 20 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD MILLION)

TABLE 21 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 22 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 23 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 24 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 25 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 26 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 27 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 28 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 29 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 30 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 31 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2019–2022 (USD MILLION)

TABLE 32 INSPECTION EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD MILLION)

### 6.3 PLACEMENT EQUIPMENT

6.3.1 GROWING NEED FOR HIGHER ACCURACY AND SPEED, PRODUCT MINIATURIZATION, AND FLEXIBILITY

#### 6.3.2 BASED ON SPEED

6.3.2.1 Low-speed placement equipment

6.3.2.2 Medium-speed placement equipment

FIGURE 38 SELECTION CRITERIA FOR PLACEMENT EQUIPMENT

6.3.2.3 High-speed placement equipment

#### 6.3.3 BASED ON TYPE

6.3.3.1 Dual-delivery placement machine

6.3.3.2 Multi-station placement machine

6.3.3.3 Turret-type placement machine

6.3.3.4 Multi-head placement machine

6.3.3.5 Sequential pick-and-place machine

FIGURE 39 CONSUMER ELECTRONICS SEGMENT TO HOLD LARGEST SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR PLACEMENT EQUIPMENT IN 2023

TABLE 33 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 34 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

FIGURE 40 ASIA PACIFIC PLACEMENT EQUIPMENT MARKET FOR CONSUMER ELECTRONICS TO LEAD SURFACE MOUNT TECHNOLOGY (SMT) MARKET BETWEEN 2023 AND 2028

TABLE 35 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD

MILLION)

TABLE 36 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD  
MILLION)

TABLE 37 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 38 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 39 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 40 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 41 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 42 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 43 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 44 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 45 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 46 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 47 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2019–2022 (USD  
MILLION)

TABLE 48 PLACEMENT EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD  
MILLION)

## 6.4 SOLDERING EQUIPMENT

### 6.4.1 RISING DEMAND FROM CONSUMER ELECTRONICS INDUSTRY

#### 6.4.1.1 Wave oven

#### 6.4.1.2 Reflow oven

TABLE 49 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 50 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)  
MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 51 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD MILLION)

TABLE 52 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD MILLION)

TABLE 53 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 54 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 55 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 56 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 57 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 58 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 59 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 60 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 61 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 62 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 63 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2019–2022 (USD MILLION)

TABLE 64 SOLDERING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT)

MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD MILLION)

## 6.5 SCREEN PRINTING EQUIPMENT

6.5.1 RISING NEED TO INCREASE PRODUCTIVITY, FLEXIBILITY, AND COST-EFFECTIVENESS

6.5.1.1 Automatic

6.5.1.2 Semiautomatic

6.5.1.3 Manual

FIGURE 41 AEROSPACE & DEFENSE SEGMENT TO HOLD SIGNIFICANT SHARE OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR SCREEN PRINTING

## EQUIPMENT IN 2028

TABLE 65 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 66 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 67 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD MILLION)

TABLE 68 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD MILLION)

TABLE 69 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 70 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 71 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 72 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 73 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 74 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 75 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 76 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 77 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 78 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 79 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2019–2022 (USD MILLION)

TABLE 80 SCREEN PRINTING EQUIPMENT: SURFACE MOUNT TECHNOLOGY



(SMT) MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD MILLION)

## 6.6 CLEANING EQUIPMENT

### 6.6.1 GROWING USE OF CLEANING FLUXES FOR LEAD-FREE MANUFACTURING

TABLE 81 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 82 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 83 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD MILLION)

TABLE 84 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD MILLION)

TABLE 85 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 86 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 87 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 88 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 89 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 90 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 91 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 92 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 93 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 94 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 95 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2019–2022 (USD MILLION)

TABLE 96 CLEANING EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD

MILLION)

## 6.7 REPAIR & REWORK EQUIPMENT

### 6.7.1 RISING ADOPTION OF REPAIR & REWORK EQUIPMENT IN MEDICAL INDUSTRY

#### 6.7.1.1 Automatic

#### 6.7.1.2 Semiautomatic

TABLE 97 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 98 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 99 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2019–2022 (USD MILLION)

TABLE 100 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2023–2028 (USD MILLION)

TABLE 101 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2019–2022 (USD MILLION)

TABLE 102 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR TELECOMMUNICATIONS, BY REGION, 2023–2028 (USD MILLION)

TABLE 103 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2019–2022 (USD MILLION)

TABLE 104 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2023–2028 (USD MILLION)

TABLE 105 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2019–2022 (USD MILLION)

TABLE 106 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR AUTOMOTIVE, BY REGION, 2023–2028 (USD MILLION)

TABLE 107 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 108 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR MEDICAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 109 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY (SMT) MARKET FOR INDUSTRIAL, BY REGION, 2019–2022 (USD MILLION)

TABLE 110 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY



(SMT) MARKET FOR INDUSTRIAL, BY REGION, 2023–2028 (USD MILLION)

TABLE 111 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY

(SMT) MARKET FOR ENERGY & POWERS, BY REGION, 2019–2022 (USD MILLION)

TABLE 112 REPAIR & REWORK EQUIPMENT: SURFACE MOUNT TECHNOLOGY

(SMT) MARKET FOR ENERGY & POWER SYSTEMS, BY REGION, 2023–2028 (USD MILLION)

## **7 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COMPONENT**

### **7.1 INTRODUCTION**

FIGURE 42 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COMPONENT

### **7.2 PASSIVE COMPONENTS**

#### **7.2.1 RESISTORS**

TABLE 113 SMT RESISTOR SIZES

#### **7.2.2 CAPACITORS**

FIGURE 43 TYPES OF CAPACITORS IN SMT

### **7.3 ACTIVE COMPONENTS**

#### **7.3.1 TRANSISTORS & DIODES**

#### **7.3.2 INTEGRATED CIRCUITS**

FIGURE 44 CLASSIFICATION OF SMT INTEGRATED CIRCUITS

## **8 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY SERVICE**

### **8.1 INTRODUCTION**

FIGURE 45 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY SERVICE

### **8.2 DESIGNING**

FIGURE 46 PHASES IN DESIGNING PROCESS

### **8.3 TEST AND PROTOTYPE**

FIGURE 47 BENEFITS OF PROTOTYPE

### **8.4 SUPPLY CHAIN SERVICES**

### **8.5 MANUFACTURING**

FIGURE 48 ELECTRONIC MANUFACTURING PRINTED CIRCUIT BOARD USING SMT

### **8.6 AFTERMARKET SERVICES**

## **9 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY**

### **9.1 INTRODUCTION**

FIGURE 49 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER

## INDUSTRY

FIGURE 50 CONSUMER ELECTRONICS SEGMENT TO GROW AT HIGHEST RATE DURING FORECAST PERIOD

TABLE 114 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 115 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

### 9.2 CONSUMER ELECTRONICS

#### 9.2.1 MINIATURIZATION OF CONSUMER ELECTRONICS

TABLE 116 CONSUMER ELECTRONICS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 117 CONSUMER ELECTRONICS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

### 9.3 TELECOMMUNICATIONS

#### 9.3.1 EMERGENCE OF WIRELESS COMMUNICATION TECHNOLOGIES

TABLE 118 TELECOMMUNICATIONS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 119 TELECOMMUNICATIONS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

### 9.4 AEROSPACE & DEFENSE

#### 9.4.1 RISING DEMAND FOR HIGH-QUALITY ELECTRONIC COMPONENTS

FIGURE 51 ADVANTAGES OF SURFACE MOUNT TECHNOLOGY (SMT) OVER THROUGH-HOLE TECHNOLOGY FOR AEROSPACE & DEFENSE INDUSTRY

TABLE 120 AEROSPACE & DEFENSE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 121 AEROSPACE & DEFENSE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

### 9.5 AUTOMOTIVE

#### 9.5.1 EXPANDING ELECTRIC VEHICLE (EV) MARKET

TABLE 122 AUTOMOTIVE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 123 AUTOMOTIVE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

### 9.6 MEDICAL

#### 9.6.1 RISING DIGITIZATION IN MEDICAL INDUSTRY

TABLE 124 MEDICAL: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 125 MEDICAL: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.7 INDUSTRIAL

### 9.7.1 INCREASING ADOPTION OF AUTOMATION TECHNOLOGIES

TABLE 126 INDUSTRIAL: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 127 INDUSTRIAL: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.8 ENERGY AND POWER SYSTEMS

### 9.8.1 UPGRADE OF ENERGY INFRASTRUCTURE

TABLE 128 ENERGY & POWER SYSTEMS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 129 ENERGY & POWER SYSTEMS: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

## 10 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION

### 10.1 INTRODUCTION

FIGURE 52 CHINA SURFACE MOUNT TECHNOLOGY (SMT) MARKET TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 130 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 131 SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY REGION, 2023–2028 (USD MILLION)

### 10.2 NORTH AMERICA

FIGURE 53 NORTH AMERICA: SNAPSHOT OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET

TABLE 132 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 133 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

TABLE 134 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2019–2022 (USD MILLION)

TABLE 135 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2023–2028 (USD MILLION)

TABLE 136 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 137 NORTH AMERICA: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

#### 10.2.1 US

##### 10.2.1.1 Surge in domestic manufacturing

## 10.2.2 CANADA

### 10.2.2.1 Expanding consumer electronics industry

## 10.2.3 MEXICO

### 10.2.3.1 Growing automotive industry

## 10.3 EUROPE

### FIGURE 54 EUROPE: SNAPSHOT OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET

TABLE 138 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 139 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

TABLE 140 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2019–2022 (USD MILLION)

TABLE 141 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2023–2028 (USD MILLION)

TABLE 142 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 143 EUROPE: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

### 10.3.1 UK

#### 10.3.1.1 Government-led support to boost telecommunications industry

### 10.3.2 GERMANY

#### 10.3.2.1 Presence of established electronics manufacturing companies

### 10.3.3 FRANCE

#### 10.3.3.1 Mass digitization of major industries

### 10.3.4 REST OF EUROPE

## 10.4 ASIA PACIFIC

### FIGURE 55 ASIA PACIFIC: SNAPSHOT OF SURFACE MOUNT TECHNOLOGY (SMT) MARKET

TABLE 144 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 145 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

TABLE 146 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2019–2022 (USD MILLION)

TABLE 147 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2023–2028 (USD MILLION)

TABLE 148 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

**TABLE 149 ASIA PACIFIC: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2023–2028 (USD MILLION)****10.4.1 CHINA**

10.4.1.1 Government-led initiatives to increase domestic electronics manufacturing

**10.4.2 JAPAN**

10.4.2.1 Presence of key automobile manufacturers

**10.4.3 SOUTH KOREA**

10.4.3.1 Rising deployment of automation technologies

**10.4.4 INDIA**

10.4.4.1 Rising foreign investments

**10.4.5 REST OF ASIA PACIFIC****10.5 ROW****TABLE 150 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)****TABLE 151 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)****TABLE 152 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2019–2022 (USD MILLION)****TABLE 153 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY EQUIPMENT, 2023–2028 (USD MILLION)****TABLE 154 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2019–2022 (USD MILLION)****TABLE 155 ROW: SURFACE MOUNT TECHNOLOGY (SMT) MARKET, BY COUNTRY, 2023–2028 (USD MILLION)****10.5.1 SOUTH AMERICA**

10.5.1.1 Localization of electronics production

**10.5.2 MIDDLE EAST & AFRICA**

10.5.2.1 Healthy growth of electronics industry

**11 COMPETITIVE LANDSCAPE****11.1 OVERVIEW****TABLE 156 MAJOR COMPANIES ADOPTED PRODUCT LAUNCHES AS KEY GROWTH STRATEGY FROM 2019 TO 2022****11.2 MARKET SHARE ANALYSIS, 2022****TABLE 157 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: DEGREE OF COMPETITION****FIGURE 56 MARKET SHARE OF KEY COMPANIES IN SURFACE MOUNT TECHNOLOGY (SMT) MARKET, 2022**

**TABLE 158 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: RANKING ANALYSIS****11.3 REVENUE ANALYSIS****FIGURE 57 THREE-YEAR REVENUE ANALYSIS OF KEY COMPANIES, 2019–2021 (USD MILLION)****11.4 COMPETITIVE LEADERSHIP MAPPING, 2022****11.4.1 STARS****11.4.2 PERVASIVE PLAYERS****11.4.3 EMERGING LEADERS****11.4.4 PARTICIPANTS****FIGURE 58 SURFACE MOUNT TECHNOLOGY (SMT) MARKET (KEY PLAYERS): EVALUATION QUADRANT, 2022****TABLE 159 COMPANY FOOTPRINT****TABLE 160 EQUIPMENT: COMPANY FOOTPRINT****TABLE 161 END-USER INDUSTRY: COMPANY FOOTPRINT****TABLE 162 REGION: COMPANY FOOTPRINT****11.5 START-UP/SME EVALUATION QUADRANT, 2022****11.5.1 PROGRESSIVE COMPANIES****11.5.2 RESPONSIVE COMPANIES****11.5.3 DYNAMIC COMPANIES****11.5.4 STARTING BLOCKS****FIGURE 59 SURFACE MOUNT TECHNOLOGY (SMT) MARKET (SME): EVALUATION QUADRANT, 2022****TABLE 163 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: LIST OF KEY START-UPS/SMES****11.6 COMPETITIVE SCENARIO AND TRENDS****11.6.1 PRODUCT LAUNCHES****TABLE 164 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: PRODUCT LAUNCHES, JANUARY 2019–FEBRUARY 2022****11.6.2 DEALS****TABLE 165 SURFACE MOUNT TECHNOLOGY (SMT) MARKET: DEALS, JANUARY 2019–FEBRUARY 2022****12 COMPANY PROFILES****12.1 KEY COMPANIES**

(Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))\*



#### 12.1.1 FUJI CORPORATION

TABLE 166 FUJI CORPORATION: COMPANY OVERVIEW

FIGURE 60 FUJI CORPORATION: COMPANY SNAPSHOT

TABLE 167 FUJI CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

#### 12.1.2 MYCRONIC AB

TABLE 168 MYCRONIC AB: COMPANY OVERVIEW

FIGURE 61 MYCRONIC AB: COMPANY SNAPSHOT

TABLE 169 MYCRONIC AB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 170 MYCRONIC AB: DEALS

#### 12.1.3 NORDSON CORPORATION

TABLE 171 NORDSON CORPORATION: COMPANY OVERVIEW

FIGURE 62 NORDSON CORPORATION: COMPANY SNAPSHOT

TABLE 172 NORDSON CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 173 NORDSON CORPORATION: DEALS

TABLE 174 NORDSON CORPORATION: OTHERS

#### 12.1.4 YAMAHA MOTORS

TABLE 175 YAMAHA MOTORS: COMPANY OVERVIEW

FIGURE 63 YAMAHA MOTORS: COMPANY SNAPSHOT

TABLE 176 YAMAHA MOTORS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 177 YAMAHA MOTORS: PRODUCT LAUNCHES

TABLE 178 YAMAHA MOTORS: DEALS

TABLE 179 YAMAHA MOTORS: OTHERS

#### 12.1.5 KLA CORPORATION

TABLE 180 KLA CORPORATION: COMPANY OVERVIEW

FIGURE 64 KLA CORPORATION: COMPANY SNAPSHOT

TABLE 181 KLA CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 182 KLA CORPORATION: DEALS

TABLE 183 KLA CORPORATION: OTHERS

#### 12.1.6 VISCOM AG

TABLE 184 VISCOM AG: COMPANY OVERVIEW

FIGURE 65 VISCOM AG: COMPANY SNAPSHOT

TABLE 185 VISCOM AG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

#### 12.1.7 JUKI CORPORATION

TABLE 186 JUKI CORPORATION: COMPANY OVERVIEW

FIGURE 66 JUKI CORPORATION: COMPANY SNAPSHOT

TABLE 187 JUKI CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

#### 12.1.8 HITACHI HIGH-TECHNOLOGIES CORPORATION

TABLE 188 HITACHI HIGH-TECHNOLOGIES CORPORATION: COMPANY



## OVERVIEW

TABLE 189 HITACHI HIGH-TECHNOLOGIES CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 190 HITACHI HIGH-TECHNOLOGIES CORPORATION: PRODUCT

LAUNCHES

TABLE 191 HITACHI HIGH-TECHNOLOGIES CORPORATION: DEALS

12.1.9 ASM ASSEMBLY SYSTEMS

TABLE 192 ASM ASSEMBLY SYSTEMS: COMPANY OVERVIEW

TABLE 193 ASM ASSEMBLY SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.1.10 SAKI CORPORATION

TABLE 194 SAKI CORPORATION: COMPANY OVERVIEW

TABLE 195 SAKI CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

## 12.2 OTHER PLAYERS

12.2.1 EUROPLACER

12.2.2 NEODEN

12.2.3 PANASONIC CORPORATION

12.2.4 KASDON ELECTRONICS

12.2.5 OHMITE MANUFACTURING

12.2.6 KBC ELECTRONICS

12.2.7 DDM NOVASTAR

12.2.8 THERMOMEGATECH

12.2.9 ALTEK ELECTRONICS

12.2.10 ABL CIRCUITS

12.2.11 MIRTEC

12.2.12 MACHINE VISION PRODUCTS

12.2.13 CIREXX

12.2.14 4E TECHNOLOGY

12.2.15 ACD DIGITAL SYSTEMS

\*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

## 13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

## 13.5 AUTHOR DETAILS

## I would like to order

Product name: Surface Mount Technology (SMT) Market by Equipment (Placement, Inspection, Soldering, Screen Printing Equipment, Cleaning Equipment, Repair & Rework Equipment), Component, Service, End User and Geography - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/S4D00DE2DF5EN.html>

Price: US\$ 4,950.00 (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/S4D00DE2DF5EN.html>

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**

Customer signature \_\_\_\_\_

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

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