

# Global 3D QLC NAND Flash Memory Market Professional Survey Report 2018

<https://marketpublishers.com/r/G56CDAA3DE5EN.html>

Date: March 2018

Pages: 104

Price: US\$ 3,500.00 (Single User License)

ID: G56CDAA3DE5EN

## Abstracts

This report studies 3D QLC NAND Flash Memory in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2013 to 2018, and forecast to 2025.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

Toshiba

Samsung Electronics

SK Hynix Semiconductor

Micron Technology

Intel Corporation

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

4th Generation Memory

Other

By Application, the market can be split into

SSD

Consumer Electronics

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

### Global 3D QLC NAND Flash Memory Market Professional Survey Report 2018

#### **1 INDUSTRY OVERVIEW OF 3D QLC NAND FLASH MEMORY**

##### 1.1 Definition and Specifications of 3D QLC NAND Flash Memory

###### 1.1.1 Definition of 3D QLC NAND Flash Memory

###### 1.1.2 Specifications of 3D QLC NAND Flash Memory

##### 1.2 Classification of 3D QLC NAND Flash Memory

###### 1.2.1 4th Generation Memory

###### 1.2.2 Other

##### 1.3 Applications of 3D QLC NAND Flash Memory

###### 1.3.1 SSD

###### 1.3.2 Consumer Electronics

###### 1.3.3 Application

##### 1.4 Market Segment by Regions

###### 1.4.1 North America

###### 1.4.2 China

###### 1.4.3 Europe

###### 1.4.4 Southeast Asia

###### 1.4.5 Japan

###### 1.4.6 India

#### **2 MANUFACTURING COST STRUCTURE ANALYSIS OF 3D QLC NAND FLASH MEMORY**

##### 2.1 Raw Material and Suppliers

##### 2.2 Manufacturing Cost Structure Analysis of 3D QLC NAND Flash Memory

##### 2.3 Manufacturing Process Analysis of 3D QLC NAND Flash Memory

##### 2.4 Industry Chain Structure of 3D QLC NAND Flash Memory

#### **3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF 3D QLC NAND FLASH MEMORY**

##### 3.1 Capacity and Commercial Production Date of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

##### 3.2 Manufacturing Plants Distribution of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

## **4 GLOBAL 3D QLC NAND FLASH MEMORY OVERALL MARKET OVERVIEW**

4.1 2013-2018E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2013-2018E Global 3D QLC NAND Flash Memory Capacity and Growth Rate Analysis

4.2.2 2017 3D QLC NAND Flash Memory Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2013-2018E Global 3D QLC NAND Flash Memory Sales and Growth Rate Analysis

4.3.2 2017 3D QLC NAND Flash Memory Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2013-2018E Global 3D QLC NAND Flash Memory Sales Price

4.4.2 2017 3D QLC NAND Flash Memory Sales Price Analysis (Company Segment)

## **5 3D QLC NAND FLASH MEMORY REGIONAL MARKET ANALYSIS**

5.1 North America 3D QLC NAND Flash Memory Market Analysis

5.1.1 North America 3D QLC NAND Flash Memory Market Overview

5.1.2 North America 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis

5.1.4 North America 2017 3D QLC NAND Flash Memory Market Share Analysis

5.2 China 3D QLC NAND Flash Memory Market Analysis

5.2.1 China 3D QLC NAND Flash Memory Market Overview

5.2.2 China 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis

5.2.3 China 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis

5.2.4 China 2017 3D QLC NAND Flash Memory Market Share Analysis

5.3 Europe 3D QLC NAND Flash Memory Market Analysis

5.3.1 Europe 3D QLC NAND Flash Memory Market Overview

5.3.2 Europe 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis

5.3.3 Europe 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis

- 5.3.4 Europe 2017 3D QLC NAND Flash Memory Market Share Analysis
- 5.4 Southeast Asia 3D QLC NAND Flash Memory Market Analysis
  - 5.4.1 Southeast Asia 3D QLC NAND Flash Memory Market Overview
  - 5.4.2 Southeast Asia 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis
  - 5.4.3 Southeast Asia 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis
  - 5.4.4 Southeast Asia 2017 3D QLC NAND Flash Memory Market Share Analysis
- 5.5 Japan 3D QLC NAND Flash Memory Market Analysis
  - 5.5.1 Japan 3D QLC NAND Flash Memory Market Overview
  - 5.5.2 Japan 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis
  - 5.5.3 Japan 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis
  - 5.5.4 Japan 2017 3D QLC NAND Flash Memory Market Share Analysis
- 5.6 India 3D QLC NAND Flash Memory Market Analysis
  - 5.6.1 India 3D QLC NAND Flash Memory Market Overview
  - 5.6.2 India 2013-2018E 3D QLC NAND Flash Memory Local Supply, Import, Export, Local Consumption Analysis
  - 5.6.3 India 2013-2018E 3D QLC NAND Flash Memory Sales Price Analysis
  - 5.6.4 India 2017 3D QLC NAND Flash Memory Market Share Analysis

## **6 GLOBAL 2013-2018E 3D QLC NAND FLASH MEMORY SEGMENT MARKET ANALYSIS (BY TYPE)**

- 6.1 Global 2013-2018E 3D QLC NAND Flash Memory Sales by Type
- 6.2 Different Types of 3D QLC NAND Flash Memory Product Interview Price Analysis
- 6.3 Different Types of 3D QLC NAND Flash Memory Product Driving Factors Analysis
  - 6.3.1 4th Generation Memory of 3D QLC NAND Flash Memory Growth Driving Factor Analysis
  - 6.3.2 Other of 3D QLC NAND Flash Memory Growth Driving Factor Analysis

## **7 GLOBAL 2013-2018E 3D QLC NAND FLASH MEMORY SEGMENT MARKET ANALYSIS (BY APPLICATION)**

- 7.1 Global 2013-2018E 3D QLC NAND Flash Memory Consumption by Application
- 7.2 Different Application of 3D QLC NAND Flash Memory Product Interview Price Analysis
- 7.3 Different Application of 3D QLC NAND Flash Memory Product Driving Factors Analysis
  - 7.3.1 SSD of 3D QLC NAND Flash Memory Growth Driving Factor Analysis

7.3.2 Consumer Electronics of 3D QLC NAND Flash Memory Growth Driving Factor Analysis

## **8 MAJOR MANUFACTURERS ANALYSIS OF 3D QLC NAND FLASH MEMORY**

### 8.1 Toshiba

8.1.1 Company Profile

8.1.2 Product Picture and Specifications

8.1.2.1 Product A

8.1.2.2 Product B

8.1.3 Toshiba 2017 3D QLC NAND Flash Memory Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.1.4 Toshiba 2017 3D QLC NAND Flash Memory Business Region Distribution Analysis

### 8.2 Samsung Electronics

8.2.1 Company Profile

8.2.2 Product Picture and Specifications

8.2.2.1 Product A

8.2.2.2 Product B

8.2.3 Samsung Electronics 2017 3D QLC NAND Flash Memory Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.2.4 Samsung Electronics 2017 3D QLC NAND Flash Memory Business Region Distribution Analysis

### 8.3 SK Hynix Semiconductor

8.3.1 Company Profile

8.3.2 Product Picture and Specifications

8.3.2.1 Product A

8.3.2.2 Product B

8.3.3 SK Hynix Semiconductor 2017 3D QLC NAND Flash Memory Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.3.4 SK Hynix Semiconductor 2017 3D QLC NAND Flash Memory Business Region Distribution Analysis

### 8.4 Micron Technology

8.4.1 Company Profile

8.4.2 Product Picture and Specifications

8.4.2.1 Product A

8.4.2.2 Product B

8.4.3 Micron Technology 2017 3D QLC NAND Flash Memory Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.4.4 Micron Technology 2017 3D QLC NAND Flash Memory Business Region  
Distribution Analysis

8.5 Intel Corporation

8.5.1 Company Profile

8.5.2 Product Picture and Specifications

8.5.2.1 Product A

8.5.2.2 Product B

8.5.3 Intel Corporation 2017 3D QLC NAND Flash Memory Sales, Ex-factory Price,  
Revenue, Gross Margin Analysis

8.5.4 Intel Corporation 2017 3D QLC NAND Flash Memory Business Region  
Distribution Analysis

## **9 DEVELOPMENT TREND OF ANALYSIS OF 3D QLC NAND FLASH MEMORY MARKET**

9.1 Global 3D QLC NAND Flash Memory Market Trend Analysis

9.1.1 Global 2018-2025 3D QLC NAND Flash Memory Market Size (Volume and  
Value) Forecast

9.1.2 Global 2018-2025 3D QLC NAND Flash Memory Sales Price Forecast

9.2 3D QLC NAND Flash Memory Regional Market Trend

9.2.1 North America 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.2.2 China 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.2.3 Europe 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.2.4 Southeast Asia 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.2.5 Japan 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.2.6 India 2018-2025 3D QLC NAND Flash Memory Consumption Forecast

9.3 3D QLC NAND Flash Memory Market Trend (Product Type)

9.4 3D QLC NAND Flash Memory Market Trend (Application)

## **10 3D QLC NAND FLASH MEMORY MARKETING TYPE ANALYSIS**

10.1 3D QLC NAND Flash Memory Regional Marketing Type Analysis

10.2 3D QLC NAND Flash Memory International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of 3D QLC NAND Flash Memory  
by Region

10.4 3D QLC NAND Flash Memory Supply Chain Analysis

## **11 CONSUMERS ANALYSIS OF 3D QLC NAND FLASH MEMORY**

- 11.1 Consumer 1 Analysis
- 11.2 Consumer 2 Analysis
- 11.3 Consumer 3 Analysis
- 11.4 Consumer 4 Analysis

## **12 CONCLUSION OF THE GLOBAL 3D QLC NAND FLASH MEMORY MARKET PROFESSIONAL SURVEY REPORT 2017**

Methodology  
Analyst Introduction  
Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of 3D QLC NAND Flash Memory

Table Product Specifications of 3D QLC NAND Flash Memory

Table Classification of 3D QLC NAND Flash Memory

Figure Global Production Market Share of 3D QLC NAND Flash Memory by Type in 2017

Figure 4th Generation Memory Picture

Table Major Manufacturers of 4th Generation Memory

Figure Other Picture

Table Major Manufacturers of Other

Table Applications of 3D QLC NAND Flash Memory

Figure Global Consumption Volume Market Share of 3D QLC NAND Flash Memory by Application in 2017

Figure SSD Examples

Table Major Consumers in SSD

Figure Consumer Electronics Examples

Table Major Consumers in Consumer Electronics

Figure Market Share of 3D QLC NAND Flash Memory by Regions

Figure North America 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Figure China 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Figure Europe 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Figure Southeast Asia 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Figure Japan 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Figure India 3D QLC NAND Flash Memory Market Size (Million USD) (2013-2025)

Table 3D QLC NAND Flash Memory Raw Material and Suppliers

Table Manufacturing Cost Structure Analysis of 3D QLC NAND Flash Memory in 2017

Figure Manufacturing Process Analysis of 3D QLC NAND Flash Memory

Figure Industry Chain Structure of 3D QLC NAND Flash Memory

Table Capacity and Commercial Production Date of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

Table Manufacturing Plants Distribution of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

Table R&D Status and Technology Source of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

Table Raw Materials Sources Analysis of Global 3D QLC NAND Flash Memory Major Manufacturers in 2017

Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of 3D QLC NAND Flash Memory 2013-2018E

Figure Global 2013-2018E 3D QLC NAND Flash Memory Market Size (Volume) and Growth Rate

Figure Global 2013-2018E 3D QLC NAND Flash Memory Market Size (Value) and Growth Rate

Table 2013-2018E Global 3D QLC NAND Flash Memory Capacity and Growth Rate

Table 2017 Global 3D QLC NAND Flash Memory Capacity (K Units) List (Company Segment)

Table 2013-2018E Global 3D QLC NAND Flash Memory Sales (K Units) and Growth Rate

Table 2017 Global 3D QLC NAND Flash Memory Sales (K Units) List (Company Segment)

Table 2013-2018E Global 3D QLC NAND Flash Memory Sales Price (USD/Unit)

Table 2017 Global 3D QLC NAND Flash Memory Sales Price (USD/Unit) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E

Figure North America 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)

Figure North America 2017 3D QLC NAND Flash Memory Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E

Figure China 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)

Figure China 2017 3D QLC NAND Flash Memory Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E

Figure Europe 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)

Figure Europe 2017 3D QLC NAND Flash Memory Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E

Figure Southeast Asia 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)

Figure Southeast Asia 2017 3D QLC NAND Flash Memory Sales Market Share  
Figure Japan Capacity Overview  
Table Japan Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E  
Figure Japan 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)  
Figure Japan 2017 3D QLC NAND Flash Memory Sales Market Share  
Figure India Capacity Overview  
Table India Supply, Import, Export and Consumption (K Units) of 3D QLC NAND Flash Memory 2013-2018E  
Figure India 2013-2018E 3D QLC NAND Flash Memory Sales Price (USD/Unit)  
Figure India 2017 3D QLC NAND Flash Memory Sales Market Share  
Table Global 2013-2018E 3D QLC NAND Flash Memory Sales (K Units) by Type  
Table Different Types 3D QLC NAND Flash Memory Product Interview Price  
Table Global 2013-2018E 3D QLC NAND Flash Memory Sales (K Units) by Application  
Table Different Application 3D QLC NAND Flash Memory Product Interview Price  
Table Toshiba Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Toshiba 3D QLC NAND Flash Memory Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 Toshiba 3D QLC NAND Flash Memory Business Region Distribution  
Table Samsung Electronics Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Samsung Electronics 3D QLC NAND Flash Memory Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 Samsung Electronics 3D QLC NAND Flash Memory Business Region Distribution  
Table SK Hynix Semiconductor Information List  
Table Product A Overview  
Table Product B Overview  
Table 2015 SK Hynix Semiconductor 3D QLC NAND Flash Memory Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 SK Hynix Semiconductor 3D QLC NAND Flash Memory Business Region Distribution  
Table Micron Technology Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Micron Technology 3D QLC NAND Flash Memory Revenue (Million USD),

Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 Micron Technology 3D QLC NAND Flash Memory Business Region Distribution

Table Intel Corporation Information List

Table Product A Overview

Table Product B Overview

Table 2017 Intel Corporation 3D QLC NAND Flash Memory Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 Intel Corporation 3D QLC NAND Flash Memory Business Region Distribution

Figure Global 2018-2025 3D QLC NAND Flash Memory Market Size (K Units) and Growth Rate Forecast

Figure Global 2018-2025 3D QLC NAND Flash Memory Market Size (Million USD) and Growth Rate Forecast

Figure Global 2018-2025 3D QLC NAND Flash Memory Sales Price (USD/Unit) Forecast

Figure North America 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Figure China 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Figure Europe 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Figure Southeast Asia 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Figure Japan 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Figure India 2018-2025 3D QLC NAND Flash Memory Consumption Volume (K Units) and Growth Rate Forecast

Table Global Sales Volume (K Units) of 3D QLC NAND Flash Memory by Type 2018-2025

Table Global Consumption Volume (K Units) of 3D QLC NAND Flash Memory by Application 2018-2025

Table Traders or Distributors with Contact Information of 3D QLC NAND Flash Memory by Region

## I would like to order

Product name: Global 3D QLC NAND Flash Memory Market Professional Survey Report 2018

Product link: <https://marketpublishers.com/r/G56CDAA3DE5EN.html>

Price: US\$ 3,500.00 (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/G56CDAA3DE5EN.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