



◆ Data
◆ Analysis
◆ Knowledge

Semico Wafer Demand: Q2 2021 Highlights

May 2021
MA111-21

©Copyright Semico Research Corp. 2021. All rights reserved.

Reproduction in whole or part is prohibited without permission of Semico Research

The contents of this report represent the interpretation and analysis of statistics and information that is generally available to the public or released by responsible agencies or individuals, but is not guaranteed as to its accuracy or completeness.

Table of Contents

| | |
|---|-----------|
| Table of Contents | 3 |
| Summary..... | 4 |
| Forecast Highlights | 5 |
| Overall Market | 5 |
| DRAM | 7 |
| NAND | 8 |
| Microprocessors (MPU)..... | 9 |
| Microcontrollers (MCU)..... | 10 |
| MOS Logic | 11 |
| Communication MOS Logic | 11 |
| Computing MOS Logic..... | 12 |
| Consumer MOS Logic..... | 12 |
| Automotive MOS Logic | 13 |
| Analog | 15 |
| Sensors | 16 |
| Optoelectronics | 17 |
| Revenue Per Wafer..... | 18 |
| Appendix | 19 |
| Wafer Demand Forecast Methodology | 19 |
| Product Definitions | 20 |
| Process Technology Node Definitions | 23 |

List of Figures

| | |
|---|----|
| Figure 1. Total Semiconductor Revenue, Units & Wafer Demand | 5 |
| Figure 2. DRAM Revenue, Unit & Wafer Demand | 7 |
| Figure 3. NAND Revenue, Unit & Wafer Demand | 8 |
| Figure 4. MCU Revenue, Unit & Wafer Demand | 10 |
| Figure 5. MOS Logic Communication Wafer Demand by Application | 11 |
| Figure 6. MOS Logic Consumer Revenue, Unit & Wafer Demand | 13 |
| Figure 7. MOS Logic Automotive Revenue, Unit & Wafer Demand | 14 |
| Figure 8. Analog Revenues, Units and Wafer Demand | 15 |
| Figure 9. Sensor Revenues, Units and Wafer Demand | 16 |
| Figure 10. Optoelectronics Revenues, Units and Wafer Demand | 17 |
| Figure 11. Revenue Per Wafer..... | 18 |
| Figure 12. Semico Wafer Demand Methodology..... | 20 |
| Figure 13. Process Technology Node Definitions | 23 |