

# Used Equipment: 200mm Lives On

January 2016  
MA108-16

©Copyright Semico Research Corp. 2016. 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**

<b>Table of Contents</b> .....	<b>3</b>
<b>Summary</b> .....	<b>4</b>
<b>Used Equipment Market Dynamics</b> .....	<b>5</b>
A Quick Look Back.....	5
Market Drivers for Used Equipment Today .....	9
Used Equipment Transaction Types .....	10
Used Equipment Pricing .....	12
Used Equipment Availability and Market Trends .....	13
Transition from 200mm to 300mm Wafer Production .....	14
<b>Used Equipment Market Issues</b> .....	<b>15</b>
Market Outlook .....	20
<b>Appendix</b> .....	<b>23</b>
Wafer Demand Forecast Methodology .....	23
Company Profiles .....	24

## **List of Figures**

Figure 1. Wafer Demand by Technology .....	5
Figure 2. Memory Conversion to 300mm Wafers .....	6
Figure 3. Used Equipment Market Players.....	7
Figure 4. Used Equipment Market Evolution .....	8
Figure 5. Analog, CIS, MCU and Sensor Unit Growth .....	9
Figure 6. Used Equipment Market Dynamics Today.....	10
Figure 7. Used Equipment Pricing .....	12
Figure 8. Analog Revenues, Units and Wafer Demand .....	14
Figure 9. Closed or Closing Fabs 2011-2017 .....	20
Figure 10. Used Semiconductor Equipment Sales Revenues .....	22
Figure 11. Semico Wafer Demand Methodology.....	23

## **LIST OF TABLES**

Table 1: Sample List of Equipment on Sale in July 2015.....	11
Table 2: Analog on 300mm Wafers.....	14
Table 3: Legacy Fab Equipment Issues.....	16