



Semico Fab Database Update Summary First Half 2017

June 2017
MA102-17

©Copyright Semico Research Corp. 2017. 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 assurance or completeness.
as to its accuracy or completeness.

Table of Contents

Table of Contentsiii	
Fab Database Updates1	
Memory1	
Micron	1
Samsung	1
Toshiba/WD	2
Foundries2	
GLOBALFOUNDRIES	3
Noel Technologies	3
Samsung	3
SK Hynix	4
TowerJazz	4
TSMC	4
UMC	5
WIN Semiconductors	5
Other5	
Akoustis Technologies5	5
ams5	5
Analog Devices / Linear Technology	5
Bosch	õ
Cree/Infineon	5
Cypress	5
Intel	5
Kaiam	5
NXP/Nexperia	7
Qualcomm/NXP Semiconductors	
Renesas/Intersil	7
Thinfilm	7
Tropics	2

Below are the column headings included in the Excel workbook accompanying this Word document. There are over 900 rows in the workbook:

Status Company **FabName** Wafer Size (mm) Region Country City State/Region **Special Substrate** University **Development** IDM Foundry **Process Type Products** Logic **ASSPs ASICs Analog Discretes Passives** Opto **DRAM Mobile RAM SRAM** NAND - 2D NAND - 3D **XPoint** NOR **Other NV Memory MEMS Image Sensors Oth Sensors** LED **LED Drivers LCD Drivers**

Other Bipolar

Current Process Tech (nm) Capacity (wpm) 2008 Capacity (wpm) 2009 Capacity (wpm) 2010 Capacity (wpm) 2011 Capacity (wpm) 2012 Capacity (wpm) 2013 Capacity (wpm) 2014 Capacity (wpm) 2015 Capacity (wpm) 2016 Capacity (wpm) 2017 Full Capacity (w/mo) **Construction Start Initial Prod Yr** Vol Prod Yr **Most Recent Expansion/Construction Date** Yr Closed or Closing **Empl Total Capex (millions)** Site Size Total Fab Size (K sq. m) Cleanroom Size (K sq. m)