

OSAT DATABASE

WORLDWIDE OSAT MANUFACTURING SITES DATABASE

The *Worldwide OSAT Manufacturing Sites Database* is a comprehensive report tracking over 300 back-end facilities that provide outsourced semiconductor assembly and testing manufacturing services. This database offers access and insights into global OSAT facilities in China, Taiwan, Korea, Japan, Southeast Asia, Europe, and the Americas. The report also highlights packaging technology offerings by manufacturing location. The *Worldwide OSAT Manufacturing Sites Database* is an essential business tool for anyone interested in the semiconductor back-end supply chain.

Details include:

- Plant site technology capability: Tape and Reel, Test
- Packaging assembly service offered: BGA, specific leadframe type such as QFP, QFN, SO, flip chip bumping, WLP, Modules/SIP, etc.
- Plant site specialization: TSV, RF, Cu Pillar, RDL, etc.

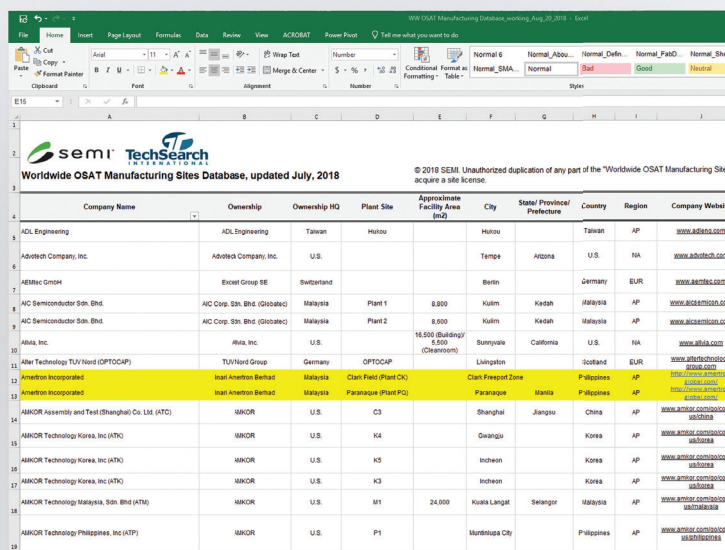
FEATURES

- Manufacturing site information
- Packaging technology capability available
- Plant site applications capabilities
- Type of services offered
- Manufacturing specialization by facility

BENEFITS

- Gain insight to worldwide OSAT facilities capabilities and expertise
- Understand key packaging capabilities and technologies by OSAT
- Identify business opportunities and competitive analysis reference

**TO REQUEST
A SAMPLE:**
[www.semi.org/
world-osat-
database-sample](http://www.semi.org/world-osat-database-sample)



Company Name	Ownership	Ownership HQ	Plant Site	Approximate Facility Area (sqm)	City	State/Province/Prefecture	Country	Region	Company Website
ADL Engineering	ADL Engineering	Taiwan	Hsinchu		Hsinchu		Taiwan	AP	www.adlsemi.com
Aditech Company, Inc.	Aditech Company, Inc.	U.S.			Tempe	Arizona	U.S.	NA	www.aditech.com
AEMac GmbH	Excel Group BE	Switzerland			Berlin		Germany	EUR	www.aemac.com
AIC Semiconductor Sdn. Bhd.	AIC Corp. Sdn. Bhd. (QICORAC)	Malaysia	Plant 1	8,800	Kulim	Kedah	Malaysia	AP	www.aicsemi.com
AIC Semiconductor Sdn. Bhd.	AIC Corp. Sdn. Bhd. (QICORAC)	Malaysia	Plant 2	8,800	Kulim	Kedah	Malaysia	AP	www.aicsemi.com
Alisa, Inc.	Alisa, Inc.	U.S.		16,500 (Building) 8,500 (Cleanroom)	Sunnyvale	California	U.S.	NA	www.alisacorp.com
Altec Technology TUV Nord (OPTOCAP)	TUV Nord Group	Germany	OPTOCAP		Lüdingen		Germany	EUR	www.altec.com
Amkor Incorporated	Amkor Incorporated	Malaysia	Chin Field (Plant CK)		Chin Field	Perak	Malaysia	AP	www.amkor.com
Amkor Incorporated	Amkor Incorporated	Malaysia	Paranque (Plant PK)		Paranque	Perak	Malaysia	AP	www.amkor.com
AMKOR Assembly and Test (Shanghai) Co. Ltd. (ATC)	AMKOR	U.S.	C3		Shanghai	Jiangsu	China	AP	www.amkor.com
AMKOR Technology Korea, Inc. (ATK)	AMKOR	U.S.	K4		Daejeon		Korea	AP	www.amkor.com
AMKOR Technology Korea, Inc. (ATK)	AMKOR	U.S.	K5		Incheon		Korea	AP	www.amkor.com
AMKOR Technology Korea, Inc. (ATK)	AMKOR	U.S.	K3		Incheon		Korea	AP	www.amkor.com
AMKOR Technology Malaysia, Sdn. Bhd. (ATM)	AMKOR	U.S.	M1	24,000	Kuala Lumpur		Malaysia	AP	www.amkor.com
AMKOR Technology Philippines, Inc. (ATP)	AMKOR	U.S.	P1		Muntinlupa City		Philippines	AP	www.amkor.com

OSAT DATABASE

KEY CONTENT COLUMNS

1 MANUFACTURING SITE INFORMATION

Company name	Type of facility
Ownership	Company website
Operation status	Plant site with address
Facility name	

2 PACKAGING ASSEMBLY AND TESTING SERVICE OFFERING

Leadframe options	BGA/CSP
Wafer sizes	Others—bumping, SiP

3 PACKAGING ASSEMBLY AND TESTING CAPABILITIES

MEMS and sensors	Tape and reel
CMOS image sensors	WLP
TSV	Modules/SiP

4 MANUFACTURING SITE SPECIALIZATIONS

Analog RF	Fan-out WLP
Cu pillar/Au bumping	Display driver IC
	MEMS

METHODOLOGY

The source of information for this study is based on both primary and secondary research. The primary research includes in-person interviews and surveys with industry contacts from nearly 100 OSAT facilities worldwide.

PRICING INFORMATION

	SEMI MEMBER*	NON-MEMBERS
Single User License	\$3,500	\$4,500
Multi-user License	\$10,000	\$13,500

* This pricing does not apply to Individual Members

HOW TO ORDER: Visit SEMI® at www.semi.org/store

FOR MORE INFORMATION, call SEMI Global Customer Service at 1.877.746.7788 (U.S. toll-free)



ABOUT SEMI

SEMI connects over 2,000 member companies and 1.3 million professionals worldwide to advance the technology and business of electronics manufacturing. Since 1970, SEMI has built connections that have helped its members prosper, create new markets, and address common industry challenges together. SEMI maintains offices in Bangalore, Berlin, Brussels, Grenoble, Hsinchu, Seoul, Shanghai, Silicon Valley (Milpitas, California), Singapore, Tokyo, and Washington, D.C.

For more information, visit www.semi.org and follow SEMI on LinkedIn and Twitter.



ABOUT TECHSEARCH INTERNATIONAL, INC.

Founded in 1987, TechSearch International (Austin, Texas) is a technology licensing and consulting company specializing in accurate, relevant, and timely information on advanced packaging technology and market developments.

Visit www.techsearchinc.com

Copyright © 2018 SEMI®. All rights reserved. SEMI and semi.org are trademarks or registered trademarks of SEMI in the United States and other countries. All other company and product names are trademarks of their respective holders. Contents and specifications are subject to change without notice.



www.semi.org/marketinfo