### Semiconductor WEEK:

### August 19, 2022

#### An overview of results and conclusions from recent reports at TechInsights

#### **Chip Market Research Services**

#### Still green but clouds loom

- Order activity for semiconductor equipment extended its decline, slipping to 84 degrees
- WFE activity is still holding up well and most WFE suppliers are not seeing any meaningful shift in demand yet
- Worldwide Chip Making Equipment Markets

#### **Semiconductor Analytics**

#### Last Week in the Semiconductor Market:

Semiconductor sales dipped -10% below 1Q22 levels last week. The market was 5% above 2021. The IC weather cooled 0°F. Zooming in on Logic ICs this week, the 13-wk MA grew 12% Y/Y, cooling off this year's peak of 32% in early March. TechInsights forecasts it will reach \$279B in 2022, with Y/Y growth of 9% that falls to -4% in 2023.

TechInsights' IC Supply/Demand indices continued to improve last week, albeit too slight to move most of the categories. Foundry did move from Loose to Balanced and the 3Q22 NowCast for OSATs improved from Saturated to Loose. While Auto ICs remain in Shortage, it is nowhere near as dire as the 1st half of 2021. It has been steadily loosening since April. Electronics' Retail Price decline is showing early signs of bottoming.

#### **Customer Satisfaction Survey**

White Paper: Edwards – Number 1 WFE Subsystems Supplier

#### **Chip History Center**

#### The DRAM crash of 2008

How the 2007-2008 financial crisis that led to the great recession ignited a crash in semiconductors. When it comes to semiconductor downturns, DRAMs are the canary in the coalmine. Here's how it tweeted out.

#### The Chip Insider

**Strategy and Tactics:** Surprising Near-Term versus Long-Term Decadal Trends

#### **Semiconductor Stocks**

- TechInsights' Semiconductor Stock Indices all fell this week along with the market
- Semiconductor Stock Index fell
  - SkyWater Technology was this week's biggest winner
- Semiconductor Equipment Stock Index fell
  - Nikon came out on top
- EDA Stock Index fell
- Electronics Materials Stock Index slipped
- Hottest Stocks: SkyWater Technology, SK hynix, IBM, Nikon, ON Semiconductor, and JSR

**TechInsights** 



## Number 1 WFE Subsystems Supplier

TechInsights Customer Satisfaction Survey 2022











### **Edwards Awarded 10 BEST Supplier**

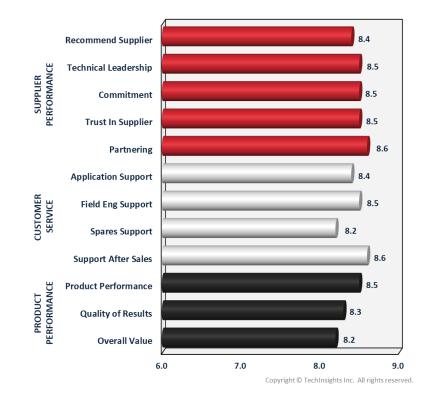
- Edwards, a leading developer of vacuum products and abatement solutions, awarded 4 Stars in the 2022 10 BEST Large Suppliers of Chip Making Equipment
  - with an outstanding score of 8.45
- 89% of customers said they will return to Edwards for their vacuum and abatement needs
- Edwards focus on optimum performance ensures excellent global customers success

LARGE SUPPLIERS OF CHIP MAKING EQUIPMENT	Rating	TechInsights Stars							
Advantest	9.48	***							
ASML	9.37	****							
ASM Pacific Technology	8.84	****							
EDWARDS	8.45	***							
Teradyne	8.15	***							
Kokusai Electric	7.94	<b>☆☆☆★</b>							
Lam Research	7.88	<b>☆☆☆★</b>							
Tokyo Electron	7.73	<b>☆☆☆★</b>							
Applied Materials	7.70	<b>☆☆☆★</b>							
Hitachi High-Tech	7.63	<b>☆☆☆★</b>							
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### **How Customers Perceive Edwards**

- Customers honor Edwards with an average rating of 8.5 in Supplier Performance, 8.4 in Customer Service, and 8.3 in Product Performance
- Improves its rating in overall value by 10 basis points
- Highest scores\*
  - Partnering
  - Support After Sales
  - Technical Leadership
  - Commitment
  - Trust In Supplier
  - Field Engineering Support
  - Product Performance
  - Recommend Supplier
  - Application Support







\*Listed in order of score, highest to

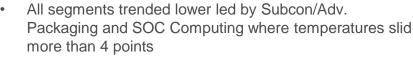
lowest

### The Chip Insider®'s Graphics File









- WFE activity is still holding up well and most WFE suppliers are not seeing any meaningful shift in demand yet
- TechInsights' Chip Price Performance Index continued to flash warning signals as it headed further south

Forecast as of July 2022:	2021	2022
Semi Equipment (\$B):	\$ 126.6	\$ 143.1
Sequential Change	36.6%	13.0%
Capacity Utilization:	97.2%	96.5%
ICs (\$B):	\$ 492.3	\$ 555.8
Sequential Change	27.4%	12.9%
IC Units (BU):	394.2	426.0
Sequential Change	23.7%	8.1%
Electronics (\$B):	\$ 2,574	\$ 2,732
Sequential Change	18.9%	6.1%



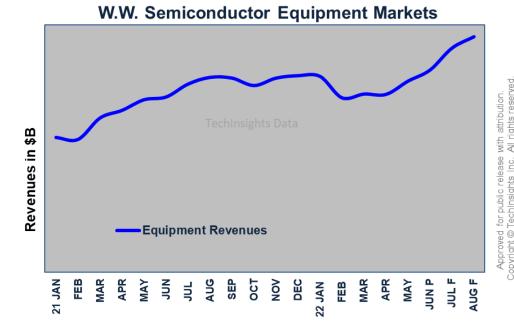
#### Contact us to access more details

### The Chip Insider® Graphics

# Worldwide Chip Making Equipment Markets

 Equipment sales dipped in 1Q22 due to shortages but have turned up in 2Q22





#### Insights Interview:

# Workforce Development Solutions...

with Ajit Manocha of SEMI



#### What the conversation is about:

- Labor shortages have become the echo pandemic from the ravages COVID has had on the economy.
- This is no truer than in the semiconductor industry, where Workforce Development has long been on the To-Do lists of many.
- Most industry efforts appear to be more about lobbying others to do something about workforce development.
- It's really hard to do something substantive about it but SEMI is.

Click here to watch online

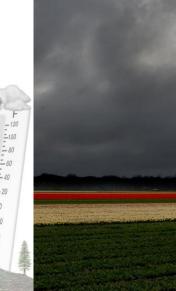


### Semiconductor Analytics

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1: Measures Order Activity 2: Measures Pricing Power



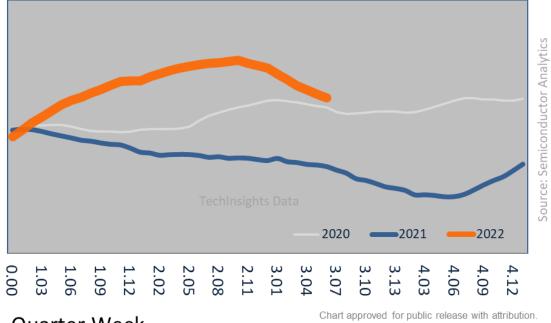
### Electronics Retail Pricing Trends:

for PC notebooks Tablets Smartphones Cell phones Digital Cameras Appliances TVs

Electronics' Retail Price decline is showing early signs of bottoming.

#### **Electronics Pricing Barometer**

indexed 13 week moving average



Quarter.Week

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# The Chip Insider® Strategy & Tactics



**Strategy and Tactics:** Surprising Near-Term versus Long-Term Decadal Trends

#### Summaries:

Near-Term versus Long-Term Decadal Trends: As everyone knows, the near-term picture has been darkening for some time. DRAM and Foundry markets started to shift out of the shortage situation in 2Q22, as capacity gains increased supply and economic slowing cooled demand. Demand was also hit by inflation. This was more than the Russo-Ukraine war. Coming off the COVID communications-demand bubble when the work world went from ... But when this flow reversed and people started moving again, it was only natural there would be a surge in auto demand, as the market for laptops and chrome books drove off the cliff, 'Thelma and Louise' style. Of course, just like in the movies, where actors live past endings, semiconductor markets always live past dips - even Grand Canyon sized drops... This, along with other key data points triggered this month's major revision. Data deviations from expectations took the forecast for 2023 into the dark side with a U-turn saddling the 2H22 and 1H23. This pulls the previous projection of a downturn from 2024 into 2023 ... odds are the Fed may well achieve its goal of licking inflation with a soft landing... Far from Thelma and Louise, the experience of the silicon cycle teaches executives to be more like Evil Knievel: Fearless, yet prepared. Now, let's consider our decadal future.

**Long-Term Decadal Trends:** Many have heard time and again the semiconductor market will be taken to \$1T by 2030. ICs should reach that level by 2032. It is the long-term growth trend causing most experienced executives in the industry to dismiss the silicon cycle as mere bumps in the

road to this horizon. They are, in my opinion, right to see the chip world this way. Moreover, as you can see the speed bumps have gone from the sleeping-policeman-sized bumps you see in parking lots to street-sized variations with little need to slow down. To a large degree, this explains the shift by semiconductor companies from tactical to strategic capital investing, resulting in a similar moderation of the demand cycle for semiconductor equipment. But that's a different topic.

Of course, the \$1T number for chips assumes the electronics market will stay on its trend to reach \$4T by 2032. But is it sustainable? This question is critical, because one divided by four assumes a 25% semiconductor content rate... In the late seventies, an IBM economics paper that forecasted a peak of 15% postulated it could not sustain levels above 15% without challenging the electronics' business model... Before you look at the next two charts, let me ask you to imagine if electronics is becoming a bigger or smaller part of the economy? It's a parallel question to the content value of electronics in semiconductors. If you're like me, the answer seems obvious: electronics must me a larger part of the economy today than it was decades ago. RIGHT? The results are not so obvious... By 2032, current trends will take the semiconductor equipment market to \$0.3T... For all the silicon cycle Evil Knievel's out there, there's plenty more things to jump as we ride into the coolest industry's decadal future.

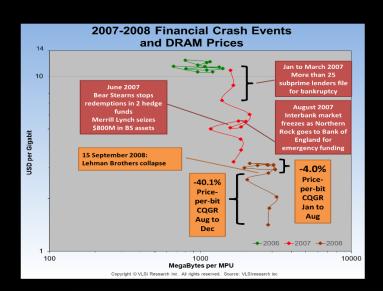
"Forecasting is difficult... Especially when it's about the future" – Yogi Berra

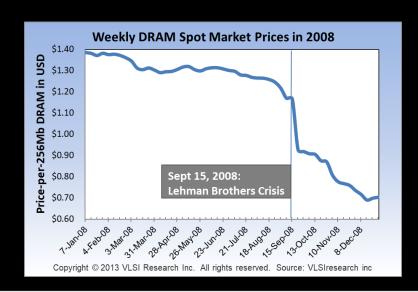
Contact us to get the full report and more

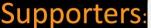
**TechInsights** 

#### The DRAM crash of 2008

How the 2007-2008 financial crisis that led to the great recession ignited a crash in semiconductors. When it comes to semiconductor downturns, DRAMs are the canary in the coalmine. Here's how it tweeted out.





















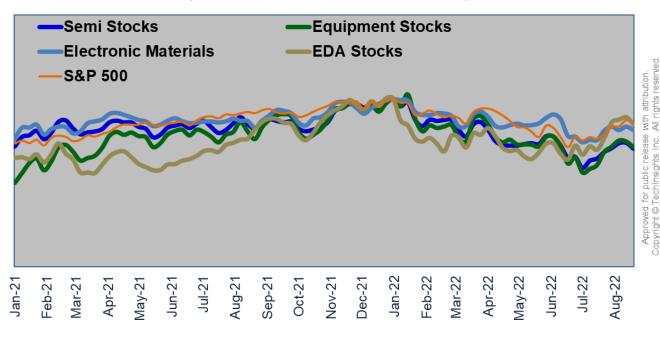


along with the market.



#### **Semiconductor Industry Stock Performance Indices**

(Stock Prices Indexed to 100 in last week of 2021)



#### **TechInsights' Stock Indices:**

Semiconductors -3.6% Equipment -3.3% Electronic Materials -1.9% EDA -3.6%

### **Semiconductor Stocks:**

### Weekly Growth and Forward P/E Ratios by Company

Weekly Gains 8/19/2022									
Semiconductor Stocks	Price Change	Forward P/E	Semiconductor Stocks	Price Change	Forward P/E				
IDM			Fab-lite to Fabless						
Intel	-2.0%	10	AMD	-4.8%	21				
Micron	-7.0%	10	Analog Devices	-6.3%	18				
ON Semiconductor	1.9%	15	Broadcom	-1.8%	14				
Samsung Electronics	1.2%	_	IBM	3.2%	13				
SK hynix	3.3%		Infineon	-7.7%	14				
STMicroelectronics -5.3%		11	MagnaChip Semiconductor	-6.9%	10				
Western Digital	-5.9%	9	MaxLinear	-4.8%	10	Above			
Foundry & OSAT			MediaTek	1.3%	_	)Ve A			
Amkor	-3.6%	7	NVIDIA	-4.6%	30	Avg			
ASE	-5.2%	7	Panasonic	-1.8%	12	_			
GLOBALFOUNDRIES	-5.8%	27	Qualcomm	-2.4%	12	Тор			
JCET	-6.4%	16	Silicon Laboratories	-6.0%	35	4-6			
SkyWater Technology	17.4%	_	Skyworks	-4.7%	10				
SMIC	-7.1%	11	Texas Instruments	-4.8%	21	Тор			
TSMC	-4.0%	14				p 1-3			
UMC	-4.0%	7				డు			

#### TechInsights' Semiconductor Stock Index

fell this week, ending a six week run of gains, despite claiming four of the six top performing stocks. SkyWater Technology was this week's biggest winner buoyed by strong quarterly earnings.

IDM -2.0% Foundry & OSAT -2.3% Fabless & Fablite -3.7%

AMD AMD Analog Devices ADI Amkor AMKR ASE ASX Broadcom AVGO GLOBALFOUNDRIES GFS IBM IBM Infineon IFNNY.PK Intel INTC JCET 600584.SS Micron Technology MU On Semiconductor ON Panasonic PC MagnaChip Semiconductor MX MaxLinear MXL MediaTek 2454.TW NVIDIA NVDA Qualcomm QCOM Samsung Electronics 005930.KS Silicon Laboratories SLAB SkyWater Technology SKYT Skyworks SMIC SMI STMicroelectronics STM Texas Instruments TXN TSMC TSM UMCUMC Western Digital WDC



# Chip Equipment & Related Stocks:

### Weekly Growth and Forward P/E Ratios by Company

Weekly Gains										
Equipment Stocks	Price Change	Forward P/E	Equipment Stocks	Price Change	Forward P/E					
Wafer Fab:			Test:							
Applied Materials	-5.2%	13	Advantest	-0.5%	_					
ASM International	-3.7%	23	Teradyne	-7.2%	16					
ASML	-5.3%	28	FormFactor	-3.4%	19					
KLA	-2.5%	17								
Lam Research	-8.1%	14	Assembly:							
Onto Innovation	-3.3%	_	BESI	-2.8%	_					
Nikon	2.9%	_	Kulicke & Soffa	-5.2%	8					
TEL	0.4%	_	ASM Pacific Technology	-3.1%						
Veeco Instruments	-3.0%	12								

Above Avg Top 4-6 Top 1-3

**TechInsights' Semiconductor Equipment Stock Index** also fell this week, Nikon came out on top. Nikon and TEL were the only companies to end the week in positive territory.

WFE -3.1% Test -3.7% Assembly -3.7%

Applied Materials AMAT Advantest ATEYY
ASM International ASMIY
ASM Lithography ASML ASM Pacific 0522.HK
BE Semiconductor BESIY.PK
FormFactor FORM KLA KLAC
Kulicke & Soffa KLIC Lam Research LRCX
Onto Innovation ONTO Nikon 7731 Teradyne
TER Tokyo Electron Limited 8035 Veeco



### **Electronic Materials Stocks:**

### Weekly Growth and Forward P/E Ratios by Company

Above Avg

Top 4-6

Top 1-3

Weekly Gains					8/19/2022
EDA & Electronic Materials Stocks	Price Change	Forward P/E	EDA & Electronic Materials Stocks	Price Change	Forward P/E
EDA			DNP	-0.2%	_
Cadence	-0.4%	41	DuPont de Nemours	-3.5%	5
Synopsys	-5.8%	40	JSR	1.7%	_
Ansys	-4.6%	33	Shin-Etsu	-0.7%	_
Electronic Materials			SOITEC	-4.6%	_
BASF	-5.1%	2	Tokyo Ohka	-1.5%	_
Entegris	-1.6%	22			

TechInsights' EDA Stock Index fell.

**TechInsights' Electronic Materials Stock Index** decreased this week with JSR coming out on top.

Ansys, Inc. ANSS BASF BASFY
Entegris ENTG Cadence CDNS DNP 7912
DuPont DD JSR 4185 Shin-Etsu 4063
SOITECSOI.PA Synopsys SNPS Tokyo
Ohka 4186



14-Jan-22	98.5	102.0	99.3	87.4	2.0%	5.9%	-0.1%	-2.5%	36	23.7%	-20	-4.9%	28.6%	97.8	-0.3%
21-Jan-22	90.1	90.4	93.8	81.0	-8.5%	-11.4%	-5.6%	-7.3%	3	5.1%	-53	-20.3%	25.4%	92.3	-5.7%
28-Jan-22	87.1	84.5	92.4	79.7	-3.4%	-6.6%	-1.5%	-1.7%	11	5.0%	-45	-21.8%	26.8%	93.0	0.8%
04-Feb-22	90.2	87.3	92.3	81.5	3.5%	3.3%	-0.1%	2.3%	41	17.5%	-13	-4.3%	21.8%	94.4	1.6%
11-Feb-22	89.6	86.1	93.2	78.7	-0.7%	-1.4%	1.0%	-3.4%	20	10.6%	-33	-8.9%	19.5%	92.7	-1.8%
18-Feb-22	90.1	86.8	93.0	75.0	0.6%	0.8%	-0.2%	-4.7%	28	12.2%	-26	-7.0%	19.2%	91.2	-1.6%
25-Feb-22	90.1	87.5	91.9	82.5	0.0%	0.8%	-1.3%	9.9%	30	14.7%	-25	-9.5%	24.2%	92.0	0.8%
04-Mar-22	85.3	81.4	86.8	81.5	-5.3%	-6.9%	-5.5%	-1.2%	7	6.4%	-48	-18.6%	25.0%	90.8	-1.3%
11-Mar-22	82.1	79.7	87.1	76.9	-3.7%	-2.2%	0.3%	-5.7%	9	9.7%	-45	-11.1%	20.8%	88.2	-2.9%
18-Mar-22	87.9	90.3	92.7	83.7	7.1%	13.3%	6.5%	8.8%	53	31.3%	-2	-5.9%	37.2%	93.6	6.2%
25-Mar-22	89.1	91.8	94.0	82.9	1.3%	1.7%	1.3%	-0.9%	36	9.2%	-16	-5.5%	14.7%	95.3	1.8%
01-Apr-22	85.4	87.8	91.5	86.1	-4.2%	-4.3%	-2.6%	3.9%	5	5.0%	-50	-23.1%	28.1%	95.4	0.1%
08-Apr-22	80.1	81.9	87.1	82.3	-6.2%	-6.8%	-4.8%	-4.4%	2	5.5%	-53	-17.6%	23.1%	94.2	-1.3%
15-Apr-22	78.1	79.2	86.4	76.9	-2.5%	-3.3%	-0.9%	-6.6%	6	4.2%	-49	-10.9%	15.1%	92.2	-2.1%
22-Apr-22	77.8	80.5	87.4	75.2	-0.3%	1.6%	1.3%	-2.2%	30	9.3%	-25	-18.8%	28.1%	89.6	-2.8%
29-Apr-22	77.8	78.2	88.2	75.7	0.0%	-2.9%	0.9%	0.7%	22	21.1%	-32	-14.9%	36.0%	86.7	-3.3%
06-May-22	78.6	78.3	87.3	72.6	0.9%	0.1%	-1.0%	-4.1%	30	12.0%	-25	-11.7%	23.7%	86.5	-0.2%
13-May-22	79.0	78.1	87.5	71.4	0.5%	-0.1%	0.2%	-1.6%	28	8.2%	-25	-10.0%	18.2%	84.4	-2.4%
20-May-22	78.6	77.3	88.3	74.5	-0.5%	-1.1%	1.0%	4.3%	22	17.9%	-30	-7.7%	25.6%	81.9	-3.0%
27-May-22	82.3	81.9	90.9	78.7	4.8%	6.0%	2.9%	5.6%	48	30.3%	-7	-7.8%	38.1%	87.2	6.6%
03-Jun-22	82.1	82.0	92.6	78.9	-0.3%	0.1%	1.9%	0.3%	29	7.7%	-26	-4.6%	12.3%	86.2	-1.2%
10-Jun-22	77.8	77.3	90.3	73.8	-5.2%	-5.7%	-2.5%	-6.5%	6	9.7%	-49	-11.9%	21.6%	81.8	-5.1%
17-Jun-22	72.0	69.1	82.3	71.2	-7.5%	-10.6%	-8.9%	-3.6%	2	4.0%	-53	-17.3%	21.3%	77.1	-5.8%
24-Jun-22	72.5	72.1	82.0	77.8	0.8%	4.3%	-0.3%	9.3%	41	12.8%	-14	-19.4%	32.2%	82.1	6.4%
01-Jul-22	67.2	64.9	79.3	73.5	-7.3%	-10.1%	-3.3%	-5.6%	3	6.1%	-52	-20.1%	26.2%	80.3	-2.2%
08-Jul-22	70.7	66.6	80.5	77.5	5.2%	2.7%	1.5%	5.5%	47	20.5%	-7	-4.8%	25.3%	81.8	1.9%
15-Jul-22	71.7	68.5	80.3	75.8	1.4%	2.8%	-0.2%	-2.2%	32	10.1%	-21	-9.1%	19.2%	81.1	-0.9%
22-Jul-22	74.9	74.7	84.9	81.5	4.4%	9.1%	5.7%	7.5%	52	66.7%	-3	-8.3%	75.0%	83.1	2.5%
29-Jul-22	76.6	77.2	86.7	88.8	2.4%	3.3%	2.2%	9.0%	39	12.4%	-16	-9.9%	22.3%	86.7	4.3%
05-Aug-22	79.0	80.1	85.1	90.1	3.1%	3.8%	-1.9%	1.5%	47	33.8%	-8	-17.1%	50.9%	87.0	0.4%
12-Aug-22	79.2	79.6	86.8	91.2	0.3%	-0.6%	1.9%	1.3%	33	22.3%	-22	-17.4%	39.7%	89.8	3.3%
19-Aug-22	76.4	77.0	85.1	88.0	-3.6%	-3.3%	-1.9%	-3.6%	9	17.4%	-46	-8.1%	25.5%	88.7	-1.2%
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**Weekly Growth** 

Materials

Stocks

EDA

Stocks

Equipment

Stocks

TechInsights' Indices of Chip Industry Stocks

Materials

Stocks

EDA

Stocks

Semi

Stocks

Equipment

Stocks

The Prior Week's

Close

Semi

Stocks

Companies Up

Max Growth

Companies Down

Min Growth

Range of Growth **S&P** 500

S&P 500 Growth

### Links to **Conference Call** Transcripts

#### August 19<sup>th</sup>

Applied Materials, Inc.'s (AMAT) CEO Gary Dickerson on Q3 2022 Results - Earnings Call Transcript

Synopsys, Inc. (SNPS) CEO Aart de Geus on Q3 2022 Results - Earnings Call Transcript

Analog Devices Inc. (ADI) CEO Vincent Roche on Q3 2022 Results - Earnings Call Transcript

Agilent Technologies, Inc. (A) CEO Mike McMullen on Q3 2022 Results - Earnings Call Transcript

SkyWater Technology, Inc. (SKYT) CEO Thomas Sonderman on Q2 2022 Results - Earnings Call Transcript

#### August 12<sup>th</sup> and before

Magnachip Semiconductor Corporation (MX) CEO YJ Kim on Q2 2022 Results - Earnings Call Transcript

ACM Research, Inc. (ACMR) CEO David Wang on Q2 2022 Results - Earnings Call Transcript

Western Digital Corporation (WDC) CEO David Goeckeler on Q4 2022 Results - Earnings Call Transcript

Skyworks Solutions, Inc.'s (SWKS) CEO Liam Griffin on Q3 2022 Results - Earnings Call Transcript

Kulicke and Soffa Industries, Inc. (KLIC) CEO Fusen Chen on Q3 2022 Results - Earnings Call Transcript

Infineon Technologies AG (IFNNY) CEO Jochen Hanebeck on Q3 2022 Results - Earnings Call Transcript

Advanced Energy Industries, Inc. (AEIS) CEO Stephen Kelley on Q2 2022 Results - Earnings Call Transcript

Qorvo, Inc.'s (QRVO) CEO Bob Bruggeworth on Q1 2023 Results - Earnings Call Transcript

Microchip Technology Incorporated's (MCHP) CEO Ganesh Moorthy on Q1 2023 Results - Earnings Call Transcript

Advanced Micro Devices, Inc.'s (AMD) CEO Lisa Su on Q2 2022 Results - Earnings Call Transcript

Cirrus Logic, Inc.'s (CRUS) CEO John Forsyth on Q1 2023 Results - Earnings Call Transcript



### Links to **Conference Call** Transcripts

Amkor Technology, Inc. (AMKR) CEO Giel Rutten on Q2 2022 Results - Earnings Call Transcript

ON Semiconductor Corporation's (ON) CEO Hassane El-Khoury on Q2 2022 Results - Earnings Call Transcript

SK Hynix, Inc.'s (HXSCF) Q2 2022 Results - Earnings Call Transcript

LG Electronics Inc.'s (LGEAF) Q2 2022 Results - Earnings Call Transcript

STMicroelectronics N.V. (STM) CEO Jean-Marc Chery on Q2 2022 Results - Earnings Call Transcript

ASE Technology Holding Co., Ltd. (ASX) Q2 2022 Results - Earnings Call Transcript

Cohu, Inc. (COHU) CEO Luis Müller on Q2 2022 Results - Earnings Call Transcript

KLA Corporation (KLAC) CEO Rick Wallace on Q4 2022 Results - Earnings Call Transcript

MKS Instruments, Inc. (MKSI) CEO John Lee on Q2 2022 Results - Earnings Call Transcript

Samsung Electronics Co., Ltd. (SSNLF) Q2 2022 Results - Earnings Call Transcript

FormFactor, Inc. (FORM) CEO Michael Slessor on Q2 2022 Results - Earnings Call Transcript

Lam Research Corporation (LRCX) CEO Tim Archer on Q4 2022 Results - Earnings Call Transcript

QUALCOMM Incorporated (QCOM) CEO Cristiano Amon on Q3 2022 Results - Earnings Call Transcript

MaxLinear, Inc. (MXL) CEO Kishore Seendripu on Q2 2022 Results - Earnings Call Transcript

Camtek Ltd (CAMT) CEO Rafi Amit on Q2 2022 Results - Earnings Call Transcript

Teradyne, Inc. (TER) CEO Mark Jagiela on Q2 2022 Results - Earnings Call Transcript

United Microelectronics Corporation (UMC) Management on Q2 2022 Results - Earnings Call Transcript

NXP Semiconductors N.V.'s (NXPI) CEO Kurt Sievers on Q2 2022 Results - Earnings Call Transcript

Taiwan Semiconductor Manufacturing Company Limited (TSM) CEO C. C. Wei on Q2 2022 Results - Earnings Call Transcript



### Links to **Conference Call** Transcripts

Telefonaktiebolaget LM Ericsson (ERIC) CEO Börje Ekholm on Q2 2022 Results - Earnings Call Transcript

Aehr Test Systems (AEHR) CEO Gayn Erickson on Q4 2022 Results - Earnings Call Transcript

ASML Holding NV (ASML) CEO Peter Wennink on Q2 2022 Results - Earnings Call Transcript

ASMPT Ltd (ASMVF) CEO Robin Ng on Q2 2022 Results - Earnings Call Transcript

Nokia Oyj (NOK) CEO Pekka Lundmark on Q2 2022 Results - Earnings Call Transcript

ASM International NV (ASMIY) CEO Benjamin Loh on Q2 2022 Results - Earnings Call Transcript

BE Semiconductor Industries N.V. (BESIY) CEO Richard Blickman on Q2 2022 Results - Earnings Call Transcript

Micron Technology, Inc. (MU) CEO Sanjay Mehrotra on Q3 2022 Results - Earnings Call Transcript

Honeywell International Inc.'s (HON) Management Presents at Leadership Webcast Series - Innovations in Sustainable Buildings (Transcript)

ASML Holding N.V. (ASML) Management presents at Goldman Sachs Global Semiconductor Virtual Conference (Transcript)

Cisco Systems, Inc.'s (CSCO) Management Presents at Nasdaq Investor Conference (Transcript)

NXP Semiconductors N.V. (NXPI) CEO Kurt Sievers Presents at Jefferies and Nasdaq Conference Presentation (Transcript)

ON Semiconductor Corporation's (ON) Management Presents at BofA Securities 2022 Global Technology Conference (Transcript)

Qualcomm, Inc. (QCOM) Presents at Bank of America 2022 Global Technology Conference

Western Digital Corp. (WDC) Presents at BofA Securities 2022 Global Technology Conference (Transcript)

DuPont de Nemours, Inc. (DD) CEO Ed Breen Presents at Deutsche Bank's 13th Annual Global Materials Conference (Transcript)

Intel Corporation's (INTC) Management Presents at Bank of America Securities Global Technology Brokers Conference (Transcript)

HP Inc's (HPQ) CEO Enrique Lores on Cowen 50th Annual Technology, Media & Telecom Conference (Transcript)

International Business Machines Corporation's (IBM) CEO Arvind Krishna Presents at Bernstein 38th Annual Strategic Decisions Conference (Transcript)

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