

Semiconductor WEEK:

February 25, 2022

An overview of results and conclusions from recent reports at TechInsights

Chip Market Research Services

The upturn is still running wild

- Order activity for semiconductor equipment held steady at a hot 115 degrees
- Hyperscale Fabless CapEx

Semiconductor Analytics

Last Week in the Semiconductor Market:

Semiconductor sales pulled up as the shortage continued to drive demand, with record sales in the \$10-12B/week range. The IC weather held at 88°F last week.

Semiconductor Sales growth continued to hover above the 20% Y/Y bar last week. While high, unsmoothed weekly growth is below last year's shortage-inspired surge.

Zooming in on DRAMs this week, 13 wk MA growth is holding in the mid-double-digit range, driven in part by the intersection of AI and HPC. Growth is forecast to slow, finishing 2022 +15% to \$110B. TechInsights' IC Supply/Demand indices were mixed last week, with More Moore Foundry slipping to Saturated and MtM to Loose, while Auto ICs returned to Shortage levels. Unchanged were DRAM, NAND, IDM, OSAT, and Analog & Power. Overall conditions remain Tight, where they have been since 24 Sep 21. Though More Moore Foundry slipped to an average of Saturated for 1Q22. Electronics' Retail Prices continue to soar.

Chip History Center

The Chip History Hall of Fame— Check out the CHC's Semiconductor Hall-of-Fame Section

The Chip Insider

Strategy and Tactics: Data Analytics: How it fails forecasters.

Semiconductor Stocks

- *TechInsights' Semiconductor Stock Indices eked out a gain along with the market*
- *Semiconductor Stock Index was flat this week*
 - *GLOBALFOUNDRIES and SkyWater Technology came out on top*
- *Semiconductor Equipment Stock Index was led up by ASM Pacific Technology*
 - *Assembly companies surged this week as they are expected to get a huge boost from the chip shortage*
- *EDA Stock Index recorded the biggest weekly increase of the year*
- *Electronics Materials Stock Index slipped*
- *Hottest Stocks: GLOBALFOUNDRIES, Cadence, SkyWater Technology, Ansys, Synopsys, and ASM Pacific Technology*

TechInsights

The Chip Insider[®]'s Graphics File



February 2022

The upturn is still running wild

- Order activity for semiconductor equipment held steady at a hot 115 degrees
- With backlogs at all-time-highs and visibility extending into next year, Equipment manufacturers expect 2022 to be another double-digit growth year
- TechInsights' Chip Price Performance Index jumped higher



This issue contains the latest forecast.

Forecast as of February 2022:	2021	2022
Semi Equipment (\$B):	\$ 124.0	\$ 149.2
Sequential Change	34.2%	20.3%
Capacity Utilization:	97.2%	96.9%
ICs (\$B):	\$ 492.3	\$ 568.2
Sequential Change	27.4%	15.4%
IC Units (BU):	394.2	439.0
Sequential Change	23.7%	11.4%
Electronics (\$B) :	\$ 2,557	\$ 2,739
Sequential Change	18.1%	7.1%

[Contact us to access more details](#)

TechInsights

Memory Market Forecast 2022...

with Jim Handy of Objective Analysis



What the conversation is about:

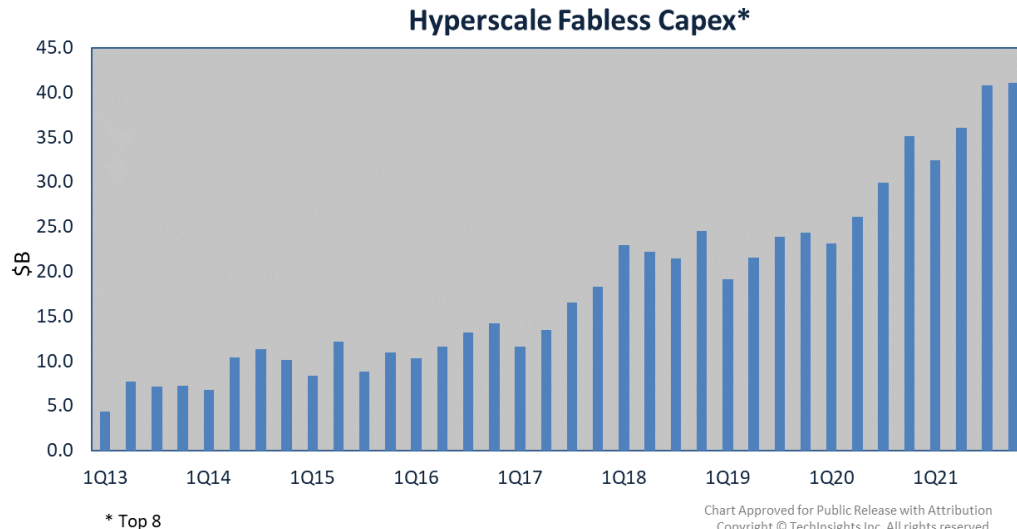
- In this video conversation, Dan talks with Jim about how 2021 unfolded, how it was different, and what he expects will happen in the markets for DRAM and NAND in 2022. Jim has been one of our most popular guests and is one of the most respected memory analysts in the world.

[Click here to watch online](#) or on the weVISION button in VLSI's mobile app

The Chip Insider® Graphics

Hyperscale Fabless CapEx:

- Spending slowed down in 4Q21



Semiconductor Analytics

Last Week in the Semiconductor Market:

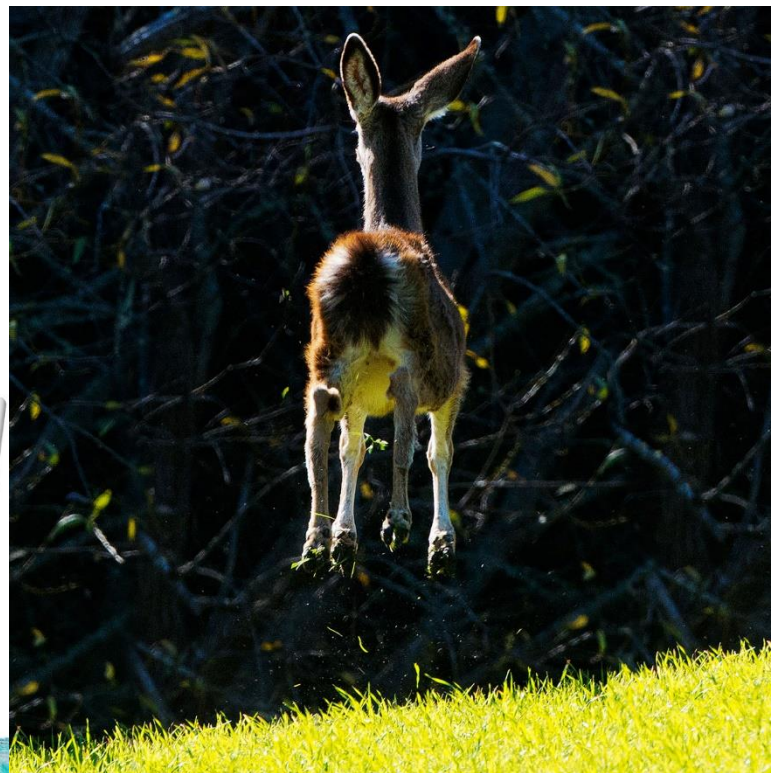
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Electronics' Retail Prices continue to soar.

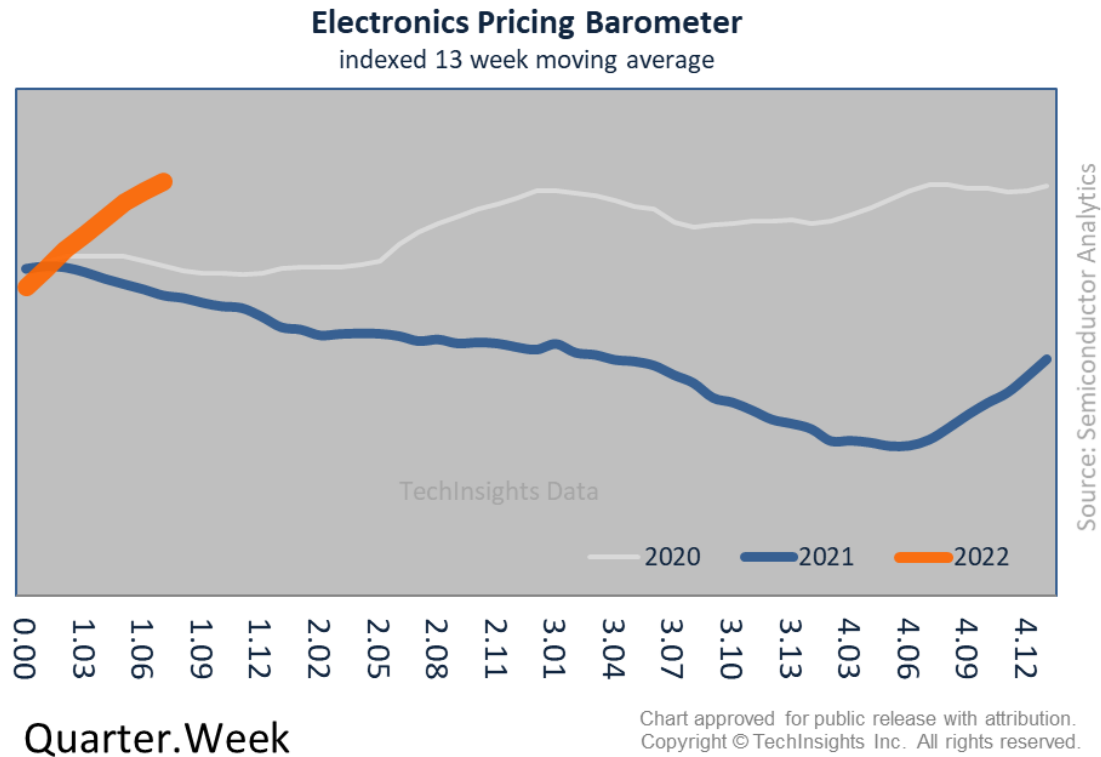


1: Measures Order Activity 2: Measures Pricing Power

Electronics Retail Pricing Trends:

for PC notebooks Tablets Smartphones Cell phones Digital Cameras Appliances TVs

Electronics' Retail
Prices continue to soar.



The Chip Insider®

Strategy & Tactics



Strategy and Tactics: Data Analytics: How it fails forecasters.

Summaries:

Data Analytics: How it fails forecasters – In general, data analytics are great management tools but poor leadership tools. Data analytics models incorporate some level of artificial intelligence based on probabilistic weights derived from relationships found between data streams. They forecast well when the future is like the past. But all too often, the future stubbornly fails to follow the lessons of the past. They are artificially intelligent when real intelligence is required. The judgmental skills needed to know when data analytics will work and when it will err is the difference between managerial forecasting and leadership forecasting...

With the onset of COVID-19 in 2020, data analytics failed forecasters in this way because the artificially intelligent models had captured the high degree of correlation between macroeconomic and semiconductor data series. Remember, what AI systems cannot account for is the extraordinary event not seen before. What these models could not account for – and only judgement could – was that economic growth was decoupling from semiconductor growth because ... This is proof of the principle that 'little data' is often far more

important than 'big data.' In this case the little data was the data rates that most were overlooking and the 'big data' in the lake was all the strongly correlated macroeconomic and semiconductor data. Ironically, this very problem would be the seeds for the great shortage of 2021... The great shortage of 2021 was first noticed with the auto chip shortage late in 2020 and broke into the open with a WSJ story soon after the New Year... But its seeds were planted with the COVID shutdown and the managerial forecasting approach of the Auto IC companies... Then, four different things happened that could not or were not accounted for in models ... Fourth was More than Moore silicon production needs... a strategic inflection point for the semiconductor industry.

"No computer is ever going to ask a new, reasonable question. It takes trained people to do that."

– Grace Hopper

[Contact us to get the full report and more](#)

TechInsights



THE CHIP HISTORY CENTER

The Virtual Museum of Semiconductors

Section

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Hall of Fame

VLSI's All Stars of the Semiconductor Industry

Search

Category

Sub-category

SEARCH

RESET

A-Z



RICHARD BLICKMAN - ALL STAR ...

ANDY BRYANT - ALL STAR 2018

TOM CAULFIELD - ALL STAR 201 ...

GEERT FOLLENS - ALL STAR 201 ...

PATRICK LORD - ALL STAR 2018



Richard Blickman: Transformed BE Semiconductor (BESI) into a highly operationally-flexible equipment supplier, that ...



Andy Bryant: For steering Intel through a second leadership crisis in his tenure as Chairman



19 Dec 2018
Tom Caulfield: For GLOBALFOUNDRIES' strategic pivot to a differentiated strategy



Geert Folleens: Promoted a clear strategy for Edwards to position itself as a str ...



Patrick Lord: Delivered substantial growth to Lam Research

MARTIJN PIERIK - ALL STAR 20 ...

ALI SALEHPOUR - ALL STAR 201 ...

KAZUO USHIDA, MASASHI OKA, & ...

YOSHIAKI YOSHIDA - ALL STAR ...

DR. GERALD Z. YIN - ALL STAR ...



Martijn Pierik: Rebuilt the value proposition that an industry-focused PR agency ...



Ali Salehpour: Leadership with Applied Global Services and Display Business has ...



19 Dec 2016
Kazuo Ushida, Masashi Oka, & Toshikazu Umatate: For executing Nikon's turnaround ...



Yoshiaki Yoshida - All Star 2018: Created a vision for adding customer value in ...



Dr. Gerald Z. Yin: Vision of growing AMEC into a world-class equipment supplier ...

The Chip History Hall of Fame

Check out the CHC's
Semiconductor Hall-of-Fame Section.

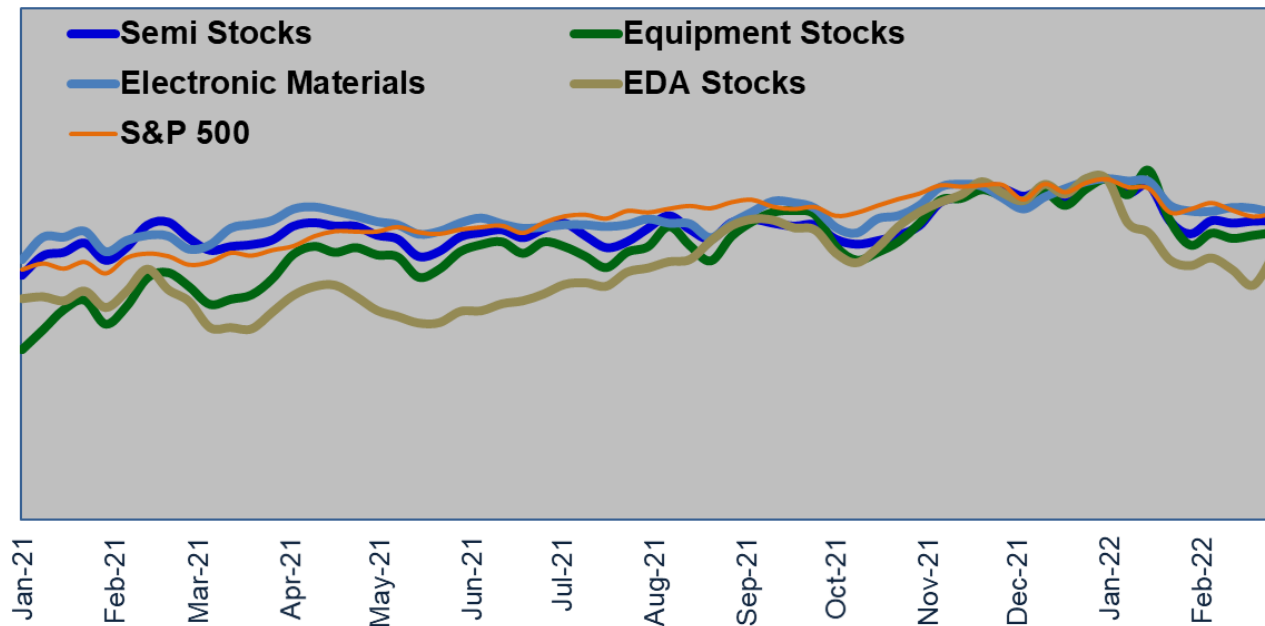
semiStockWEEK:

TechInsights' Semiconductor Stock Indices eked out a gain along with the market as investors are hopeful the geopolitics may not impact the global economy as much as originally feared.



Semiconductor Industry Stock Performance Indices

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

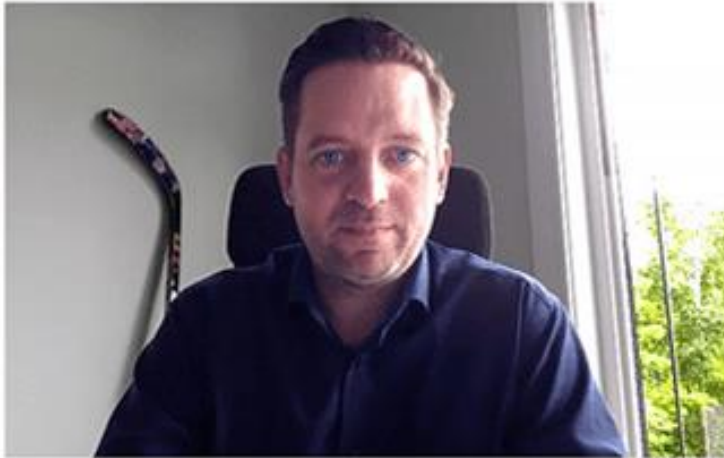


TechInsights' Stock Indices:

Semiconductors +0.0%
Equipment +0.8%
Electronic Materials -1.3%
EDA +9.9%

Announcing a new and exciting combination: VLSIresearch joins forces with TechInsights!

Effective August 16, 2021



What the conversation is about:

The business of technology is inseparable from the technology of the business. Unlike classic business, the business of technology is about constant change. It's time to bring core-technology and market analysis together, which explains why TechInsights has acquired VLSIresearch.

[Click here to watch online](#) or on the weVISION button in VLSI's mobile app

[Click here to read more about this development](#) or on the VLSI RELEASES button in VLSI's mobile app

Semiconductor Stocks:

Weekly Growth and Forward P/E Ratios by Company

Weekly Gains			2/25/2022		
Semiconductor Stocks	Price Change	Forward P/E	Semiconductor Stocks	Price Change	Forward P/E
IDM			Fab-lite to Fabless		
Intel	5.9%	12	AMD	6.4%	25
Micron	-0.8%	8	Analog Devices	1.1%	18
ON Semiconductor	5.5%	13	Broadcom	1.4%	16
Samsung Electronics	-3.2%	–	IBM	-0.2%	12
SK hynix	-6.5%		Infineon	-1.0%	16
STMicroelectronics	0.7%	13	MagnaChip Semiconductor	-3.0%	13
Western Digital	-4.6%	7	MaxLinear	3.2%	15
Foundry & OSAT			MediaTek	-3.1%	–
Amkor	-0.3%	8	NVIDIA	2.2%	36
ASE	-1.5%	10	Panasonic	-2.2%	9
GLOBALFOUNDRIES	14.7%	18	Qualcomm	2.0%	13
JCET	1.8%	16	Silicon Laboratories	1.7%	50
SkyWater Technology	10.4%	–	Skyworks	2.0%	11
SMIC	-2.0%	13	Texas Instruments	2.4%	18
TSMC	-6.8%	19	Xilinx	0.0%	43
UMC	-1.1%	9			

Above Avg

Top 4-6

Top 1-3

TechInsights' Semiconductor Stock Index was flat this week despite incredibly strong gains from GLOBALFOUNDRIES and SkyWater Technology.

IDM -0.4%
Foundry & OSAT +1.9%
Fabless & Fabless +0.9%

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 ^{SWKS} SMIC ^{SMI} STMicroelectronics ^{STM} Texas Instruments ^{TXN} TSMC ^{TSM} UMC ^{STMicroelectronics} Western Digital ^{WDC} Xilinx ^{XLNX}

Chip Equipment & Related Stocks:

Weekly Growth and Forward P/E Ratios by Company

Weekly Gains			2/25/2022		
Equipment Stocks	Price Change	Forward P/E	Equipment Stocks	Price Change	Forward P/E
Wafer Fab:			Test:		
Applied Materials	1.8%	14	Advantest	-3.6%	–
ASM International	-5.7%	26	Teradyne	4.5%	17
ASML	3.0%	28	FormFactor	-1.9%	21
KLA	-0.2%	15			
Lam Research	0.6%	15	Assembly:		
Onto Innovation	2.3%	–	BESI	3.3%	–
Nikon	-8.7%	–	Kulicke & Soffa	2.3%	9
TEL	-0.4%	–	ASM Pacific Technology	8.1%	
Veeco Instruments	3.8%	14			

Above Avg

Top 4-6

Top 1-3

TechInsights' Semiconductor Equipment Stock Index was led up by ASM Pacific Technology. Assembly companies surged this week as they are expected to get a huge boost from the chip shortage.

WFE -0.4%

Test -0.3%

Assembly +4.6%

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 ^{VECO}

Electronic Materials Stocks:

Weekly Growth and Forward P/E Ratios by Company

Weekly Gains			2/25/2022		
EDA & Electronic Materials Stocks	Price Change	Forward P/E	EDA & Electronic Materials Stocks	Price Change	Forward P/E
EDA			DNP	-1.0%	—
Cadence	13.3%	38	DuPont de Nemours	-0.9%	5
Synopsys	8.2%	32	JSR	3.7%	—
Ansys	8.3%	38	Shin-Etsu	-2.6%	—
Electronic Materials			SOITEC	-0.9%	—
BASF	-9.5%	3	Tokyo Ohka	0.3%	—
CMC Materials	0.7%	22			
			Above Avg	Top 4-6	Top 1-3

TechInsights' EDA Stock Index recorded the biggest weekly increase of the year, all three companies were in the top six stocks.

TechInsights' Electronic Materials Stock Index slipped this week, JSR came out on top.

Ansys, Inc. ^{ANSS} BASF ^{BASFY}
 CMC Materials ^{CCMP} Cadence ^{CDNS}
 DNP ⁷⁹¹² DuPont ^{DD} JSR ⁴¹⁸⁵
 Shin-Etsu ⁴⁰⁶³ SOITEC ^{SOI.PA}
 Synopsys ^{SNPS} Tokyo Ohka ⁴¹⁸⁶

The Prior Week's Close	TechInsights' Indices of Chip Industry Stocks				Weekly Growth				Companies Up	Max Growth	Companies Down	Min Growth	Range of Growth	S&P 500	S&P 500 Growth
	Semi Stocks	Equipment Stocks	Materials Stocks	EDA Stocks	Semi Stocks	Equipment Stocks	Materials Stocks	EDA Stocks							
23-Jul-21	85.3	82.9	89.2	78.1	1.7%	4.6%	0.5%	4.5%	36	9.4%	-18	-73.1%	82.5%	92.6	2.0%
30-Jul-21	88.4	84.2	90.6	79.1	3.7%	1.6%	1.5%	1.2%	39	24.0%	-15	-37.0%	61.0%	92.2	-0.4%
06-Aug-21	91.4	88.9	89.6	80.6	3.4%	5.6%	-1.1%	1.9%	46	29.1%	-8	-14.3%	43.4%	93.1	0.9%
13-Aug-21	88.2	84.4	89.4	81.1	-3.5%	-5.0%	-0.1%	0.6%	15	3.7%	-40	-14.0%	17.7%	93.7	0.7%
20-Aug-21	85.9	80.8	86.2	85.5	-2.6%	-4.3%	-3.6%	5.4%	7	8.1%	-48	-13.5%	21.6%	93.2	-0.6%
27-Aug-21	89.7	86.6	89.6	89.0	4.5%	7.1%	4.0%	4.2%	52	36.9%	-2	-4.3%	41.2%	94.6	1.5%
03-Sep-21	90.5	90.0	92.2	90.6	0.8%	4.0%	2.9%	1.7%	33	23.7%	-21	-6.0%	29.7%	95.2	0.6%
10-Sep-21	89.6	92.2	94.7	90.4	-1.0%	2.4%	2.7%	-0.2%	24	11.4%	-29	-8.1%	19.5%	93.5	-1.7%
17-Sep-21	88.9	92.6	94.3	88.6	-0.8%	0.4%	-0.4%	-2.0%	23	5.5%	-30	-6.8%	12.3%	93.0	-0.6%
24-Sep-21	89.2	91.7	93.1	88.1	0.3%	-1.0%	-1.3%	-0.5%	22	5.8%	-30	-5.2%	11.0%	93.5	0.5%
01-Oct-21	85.8	84.2	88.6	82.6	-3.8%	-8.2%	-4.8%	-6.2%	6	4.3%	-48	-14.7%	19.0%	91.4	-2.2%
08-Oct-21	84.7	81.0	87.3	80.3	-1.4%	-3.8%	-1.5%	-2.8%	15	2.9%	-39	-14.3%	17.2%	92.1	0.8%
15-Oct-21	85.5	82.8	90.6	83.9	1.0%	2.2%	3.8%	4.4%	39	8.1%	-14	-11.8%	19.9%	93.8	1.8%
22-Oct-21	86.8	85.3	91.3	88.9	1.5%	3.0%	0.8%	5.9%	40	15.7%	-14	-11.6%	27.3%	95.4	1.6%
29-Oct-21	89.0	89.6	93.7	92.2	2.6%	5.0%	2.6%	3.8%	38	24.6%	-16	-8.3%	32.9%	96.6	1.3%
05-Nov-21	94.4	95.0	98.0	94.6	6.1%	6.1%	4.6%	2.5%	45	30.5%	-8	-29.8%	60.3%	98.6	2.0%
12-Nov-21	95.9	95.5	98.7	96.4	1.5%	0.4%	0.7%	1.9%	31	8.5%	-16	-12.1%	20.6%	98.3	-0.3%
19-Nov-21	98.3	97.5	98.2	99.4	2.6%	2.1%	-0.4%	3.2%	39	12.2%	-16	-16.8%	29.0%	98.6	0.3%
26-Nov-21	97.7	96.0	95.5	96.8	-0.6%	-1.6%	-2.8%	-2.7%	16	11.8%	-39	-9.6%	21.4%	98.6	0.1%
03-Dec-21	95.9	94.5	92.9	95.0	-1.9%	-1.6%	-2.7%	-1.9%	12	6.0%	-44	-11.1%	17.1%	95.2	-3.5%
10-Dec-21	97.5	96.9	95.7	98.8	1.6%	2.6%	3.0%	4.0%	40	13.2%	-15	-7.5%	20.7%	98.9	3.8%
17-Dec-21	94.7	93.8	97.7	96.5	-2.9%	-3.2%	2.1%	-2.3%	12	25.6%	-43	-15.6%	41.2%	96.9	-1.9%
24-Dec-21	98.6	97.7	99.3	100.2	4.1%	4.2%	1.7%	3.8%	50	13.8%	-6	-2.8%	16.6%	99.2	2.3%
31-Dec-21	100.0	100.0	100.0	100.0	1.5%	2.3%	0.7%	-0.2%	44	8.1%	-11	-2.7%	10.8%	100.0	0.9%
07-Jan-22	96.6	96.3	99.4	89.7	-3.4%	-3.7%	-0.6%	-10.3%	10	7.4%	-45	-17.5%	24.9%	98.1	-1.9%
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%

Links to Conference Call Transcripts

February 25th

[Dell Technologies Inc. \(DELL\) Management on Q4 2022 Results - Earnings Call Transcript](#)

[AIXTRON SE \(AIXXF\) CEO Felix Grawert on Q4 2021 Results - Earnings Call Transcript](#)

[ChipMOS TECHNOLOGIES INC. \(IMOS\) Q4 2021 Results - Earnings Call Transcript](#)

[ASM International NV \(ASMIY\) CEO Benjamin Loh on Q4 2021 Results - Earnings Call Transcript](#)

[SkyWater Technology, Inc. \(SKYT\) CEO Thomas Sonderman on Q4 2021 Results - Earnings Call Transcript](#)

[Lenovo Group Limited \(LNVGY\) CEO Yang Yuanqing On Q3 2022 Results - Earnings Call Transcript](#)

[ASM Pacific Technology Limited \(ASMVF\) CEO Robin Gerard Ng on Q4 2021 Results - Earnings Call Transcript](#)

[Agilent Technologies, Inc.'s \(A\) CEO Mike McMullen on Q1 2022 Results - Earnings Call Transcript](#)

[BE Semiconductor Industries N.V. \(BESiy\) CEO Richard Blickman on Q4 2021 Results - Earnings Call Transcript](#)

February 18th and before

[Keysight Technologies, Inc. \(KEYS\) CEO Ronald Nersesian on Q1 2022 Results - Earnings Call Transcript](#)

[NVIDIA Corporation's \(NVDA\) CEO Jensen Huang on Q4 2022 Results - Earnings Call Transcript](#)

[Magnachip Semiconductor Corporation \(MX\) CEO YJ Kim on Q4 2021 Results - Earnings Call Transcript](#)

[Synopsys, Inc. \(SNPS\) CEO Aart de Geus on Q1 2022 Results - Earnings Call Transcript](#)

[Veeco Instruments Inc. \(VECO\) CEO Bill Miller on Q4 2021 Results - Earnings Call Transcript](#)

[Applied Materials, Inc.'s \(AMAT\) CEO Gary Dickerson on Q1 2022 Results - Earnings Call Transcript](#)

Links to Conference Call Transcripts

[Analog Devices, Inc. \(ADI\) CEO Vincent Roche on Q1 2022 Results - Earnings Call Transcript](#)

[Cohu, Inc. \(COHU\) CEO Luis Müller on Q4 2021 Results - Earnings Call Transcript](#)

[ASE Technology's \(ASX\) Management on Q4 2021 Results - Earnings Call Transcript](#)

[Advanced Energy Industries, Inc. \(AEIS\) CEO Steve Kelley on Q4 2021 Results - Earnings Call Transcript](#)

[GlobalFoundries Inc. \(GFS\) CEO Tom Caulfield on Q4 2021 Results - Earnings Call Transcript](#)

[Onto Innovation Inc. \(ONTO\) CEO Michael Plisinski on Q4 2021 Results - Earnings Call Transcript](#)

[DuPont de Nemours, Inc. \(DD\) CEO Ed Breen on Q4 2021 Results - Earnings Call Transcript](#)

[ams-OSRAM AG \(AMSSY\) CEO Alex Everke on Q4 2021 Results - Earnings Call Transcript](#)

[Axcelis Technologies, Inc.'s \(ACLS\) CEO Mary Puma on Q4 2021 Results - Earnings Call Transcript](#)

[ON Semiconductor Corporation \(ON\) CEO Hassane El-Khoury on Q4 2021 Results - Earnings Call Transcript](#)

[Kulicke and Soffa Industries' \(KLIC\) CEO Fusen Chen on Q1 2022 Results - Earnings Call Transcript](#)

[Infineon Technologies AG. \(IFNNY\) CEO Reinhard Ploss on Q1 2022 Results - Earnings Call Transcript](#)

[Qorvo, Inc. \(QRVO\) CEO Bob Bruggeworth on Q3 2022 Results - Earnings Call Transcript](#)

[FormFactor, Inc. \(FORM\) CEO Mike Slessor on Q4 2021 Results - Earnings Call Transcript](#)

[MaxLinear's \(MXL\) CEO Kishore Seendripu on Q4 2021 Results - Earnings Call Transcript](#)

[QUALCOMM Incorporated's \(QCOM\) CEO Cristiano Amon on Q1 2022 Results - Earnings Call Transcript](#)

[Advanced Micro Devices, Inc. \(AMD\) CEO Lisa Su on Q4 2021 Results - Earnings Call Transcript](#)

Links to Conference Call Transcripts

[NXP Semiconductors N.V. \(NXPI\) CEO Kurt Sievers on Q4 2021 Results - Earnings Call Transcript](#)

[SK Hynix, Inc. \(HXSCF\) Q4 2021 Results - Earnings Call Transcript](#)

[National Instruments Corporation \(NATI\) CEO Eric Starkloff on Q4 2021 Results - Earnings Conference Call](#)

[Western Digital Corporation \(WDC\) CEO David Goeckeler on Q2 2022 Results - Earnings Call Transcript](#)

[Apple Inc. \(AAPL\) CEO Tim Cook on Q1 2022 Results - Earnings Call Transcript](#)

[KLA Corporation \(KLAC\) CEO Rick Wallace on Q2 2022 Results - Earning Call Transcript](#)

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