Semiconductor Industry Analysis and Insight

May 10, 2025

1Q25 Semiconductor Earnings Summary—Week 3 Very Weak 1Q Persists, 2Q Guidance Drops, Chip Sector Shares Rally

The 1Q earnings season is now over half complete with 44 out of 57 companies in my Tokeneke Universe having reported. Last week 1Q weakness persisted but did improve some, 2Q guidance for growth fell below average, and chip sector shares outperformed for the third week in a row as most companies continued to exceed expectations. The balance of results will be scattered over the next four weeks from AI-players including NVDA, AVGO and MRVL, as well as ADI—which may well boost results since AI markets remain strong (but growth is tempering) while the rest of the chip markets appear to be bottoming. The good news is these inflection points could present some attractive equity market opportunities in the not-to-distant future.

Memory Loss: According to SIA/WSTS industry revenue growth this year is expected to be at +11% which includes memories at +13%, and this narrow spread means I no longer need to exclude memories in the table below due to their growth rate differential. Recall my US-equity based Tokeneke Universe does not include most large international firms, although it does include wafer foundries and IP companies that count as manufacturing costs rather than industry sales. I also normalize fiscal quarters to the best fitting two out of three months, and I do not segregate non-semiconductor revenue on a corporate basis.

Very Weak 1Q: The 1Q semiconductor revenue decline continues to miss the low-end of the range of company guidance, although it did improve last week. The weighted average sales growth across my Tokeneke Universe reflects a sequential quarterly decline of -7.0%, as noted in the adjacent

		1Q	2Q	2Q Range
Week 1	Weighted	-7.6%	6.9%	+4.2+9.6%
9 co's/\$55B	co. avg	-8.6%	8.7%	+5.2+12.3%
Week 2	Weighted	-7.5%	4.5%	+1.6+7.4%
18 co/\$71B	co. avg	-6.3%	3.0%	-0.5+6.5%
Week 3	Weighted	-7.0%	3.7%	+0.7+6.7%
44 co/\$90B	co. avg	-6.2%	2.1%	-1.2+5.4%

table. Company 1Q guidance from 4Q earnings was centered at -3.1% ranging from -5.5% to -0.8% after six preannouncements that included an increase from IDCC, TSM dropping to the low-end of its original range, MRVL narrowing its range, and reiterations from MCHP, SLAB and WOLF. SIA/WSTS industry statistics for 1Q released last week reflected a 1Q sequential revenue decline of -2.8%. The 1Q is seasonally the weakest of the year with an average revenue decrease of -2.1%, a high of +9.2%, a low of -19.4%, and 25 declines in the last 37 years—including 12 of the last 13, according to industry statistics.

2Q Guidance Drops: The 2Q revenue growth outlook based on management guidance across my Universe weakened again last week and fell below average. The specific weighted average guidance for revenue now calls for a sequential increase of +3.7% this quarter, ranging from +0.7% to +6.7% as noted in the table above. The 2Q is seasonally a period of recovery for the year with average revenue growth of +4.2%, a high of +20.0%, a low of -19.9%, and only eight declines in the last 39 years—including two of the last 13, per industry statistics.

Most Companies Exceed Expectations: The Performance to Expectations histogram on Page 2 shows most companies in my Universe continue to meet or exceed expectations so far this earnings season. Outperforming companies meeting or exceeding expectations remains at two-thirds (66% vs 67% for Weeks 1 and 2) while companies reporting 'mixed' results simultaneously missing, meeting and exceeding expectations fell to 32% (from 34%, 33% and 33%). One company has now missed expectations, accounting for the remaining 2%. Recall this metric compares investor expectations to reported results for 1Q revenue and EPS, as well as 2Q revenue guidance. Note the grading Legend on Page 2 and company details on Pages 3-4.

Chip Rally Persists: The SOX and my Universe are now outperforming broader equity markets this quarter after the third week of gains, although continue to underperform year-to-date. For 2Q, the Philadelphia Semiconductor Index Option (SOX) is now up by 4.6% while 39 out of 57 stocks in my Tokeneke Universe have advanced by an average of +3.7% compared to the NASDAQ, S&P500 and DOW at +3.6%, +0.9%, and -1.8%, respectively.

Stocks Fix'in for Opportunities: AI remains strong, but momentum is tempering while the rest of the semiconductor markets appear poised for some kind of recovery this year. At the same time the SOX index remains over-extended compared to the S&P500 and most fundamental valuations across the sector are unattractive, in my opinion, although chip sector underperformance so far this year has begun to correct that imbalance. The good news is these inflection points could offer some attractive potential equity opportunities in the not-to-distant future. Nevertheless, I would continue to be extremely selective considering potential chip equities at this time.

CY1Q25 earnings announcements through May 9, 2025. Most earnings and gross margins are non-GAAP. Companies sorted alphabetically by ticker across all compilations in this report.

1Q25 Earnings Review

		Revenu	e		Revenue			
	1Q25	Qtr-Qtr	2Q25	_	1Q25	Qtr-Qtr	2Q25	
Ticker	(\$ mil)	change	Guidance	Ticker	(\$ mil)	change	Guidance	
ADEA*	87.7	-26.4%	no guidance	NLST	29.0	-15.5%	no guidance	
ALAB	159.4	13.0%	+7+10%	NXPI	2,835.0	-8.9%	-1+6%	
ALGM	192.8	8.4%	+0+5%	ON	1,445.7	-16.1%	-3+4%	
AMD	7,438.0	-2.9%	-5+4%	PI	74.3	-18.9%	+23+29%	
AOSL	164.6	-5.0%	-3+9%	QCOM	10,836.0	-7.1%	-9-1%	
ARM	1,241.0	26.2%	-19-11%	QRVO	869.5	-5.1%	-14-8%	
CEVA*	24.3	-17.0%	-2+14%	RMBS	166.7	3.5%	-5+6%	
CRUS	424.5	-23.6%	-22-8%	SIMO	166.5	-12.9%	+5+10%	
DIOD	332.1	-2.1%	+4+10%	SITM	60.3	-11.5%	+6+9%	
GFS	1,585.0	-13.4%	+4+7%	SKYT	61.3	-18.8%	-10-2%	
GSIT	5.9	8.7%	-7+7%	SNDK	1,695.0	-9.6%	+3+9%	
HIMX	215.1	-9.3%	-5+3%	SQNS	8.1	-27.1%	-1+12%	
IDCC*	210.5	-16.7%	-22-19%	STM	2,517.0	-24.2%	+4+11%	
INTC	12,667.0	-11.2%	-12-2%	SWKS	953.2	-10.8%	-4+1%	
LSCC	120.2	2.4%	-1+7%	SYNA	266.6	-0.2%	-1+11%	
MBLY*	438.0	-10.6%	+7%	TSM	25,526.3	-5.1%	+11+14%	
MCHP	970.5	-5.4%	+5+10%	TXN	4,069.0	1.5%	+3+11%	
MPWR	637.6	2.6%	+1+4%	UMC	1,744.0	-5.3%	+5+7%	
MRAM	13.1	-0.8%	-5+3%	VLN	16.8	1.0%	-2-0%	
MTSI	235.9	8.2%	+4+8%	VSH	715.2	0.1%	+4+9%	
MU	8,053.0	-7.5%	+7+12%	WOLF	185.4	2.7%	no guidance	
MXL	95.9	4.0%	-1+20%	XPER*	114.0	-6.9%	no guidance	
	_		_	Total (weighted):	89,666.9	-7.0%	+0.7+6.7%	

^{*}ADEA reiterated annual guidance

Note: 'no guidance' is calculated as flat revenue for statistical purposes.

CEVA		ADEA ARM INTC LSCC MRAM NLST QCOM SIMO SKYT STM UMC VLN VSH WOLF	MBLY MXL SQNS XPER	ALGM AMD DIOD GFS GSIT HIMX MCHP MPWR MTSI MU NXPI ON PI QRVO RMBS SWKS SYNA TSM TXN	ALAB AOSL CRUS IDCC SITM SNDK
2.3%	0.0%	31.8%	9.1%	43.2%	13.6%
2.5% F	<i>E</i>	D	<i>C</i>	43.270 B	13.0% A
misse	d/met	mixed	m	et/exceede	ed.
2.3		31.8%	111	65.9%	
Total:	44	companies	with estin	nates or gu	idance

Performance to Expectations Skew

+ exceeded the high-end of the range + above consensus, within the high-end of the range slightly above consensus

Company Average (mean):

TT	above consensus, within the high-end of the range	Α.	all TTT
+	slightly above consensus	В	all +
0	met consensus	С	all o/+
-	slightly below consensus	D	mixed -/o/+
	missed consensus, within the low-end of the range	E	all o/-
	missed the low-end of the range	F	all -

LEGEND

-6.2%

-1.2+5.4%

Grade

^{*}CEVA lowered annual guidance

^{*}IDCC reiterated annual guidance

^{*}MBLY reiterated annual guidance

^{*}XPER reiterated annual guidance

ADEA	3 est.	Adeia	CY25		9%	HIMX	2 est.	Himax		CY25rev:	-5%
Qtr:	1Q		D <u>Gro</u>			Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)
Rev:	87.7	Rev:		Rev:		Rev:	215.1	Rev:	+++	Rev:	-9.3%
GM:	100.0%	EPS:		cst:		GM:	30.5%	EPS:	+	Fcst:	-5+3%
EPS:	\$0.26	Fcst:	0	Div:	\$0.05	EPS:	\$0.114	Fcst:	+	Div:	\$0.0925
ALAB	13 est.	Astera Labs	CY25	rov:	77%	IDCC	5 est.	InterDigital		CY25rev:	-19%
Qtr:	1Q		A Gro			Qtr:	1Q	Grade:	Α	Growth	(qtr-qtr)
Rev:	159.4			Rev:		Rev:	210.5	Rev:	+++	Rev:	-16.7%
GM:	74.9%			cst:		GM:	100.0%	EPS:	+++	Fcst:	-22-19%
EPS:	\$33.00	_		Div:		EPS:	\$4.21	Fcst:	+++	Div:	\$0.60
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ALGM	10 est.	Allegro Micro	FY26	rev:	17%	INTC	31 est.	Intel		CY25rev:	-5%
Qtr:	F4Q				(qtr-qtr)	Qtr:	1Q	Grade:	D	Growth	
Rev:	192.8			Rev:		Rev:	12,667	Rev:	++	Rev:	-11.2%
GM:	45.6%	EPS:	+ F	cst:	+0+5%	GM:	39.2%	EPS:	+++	Fcst:	-12-2%
EPS:	\$0.06	Fcst:	++	Div:		EPS:	\$0.13	Fcst:		Div:	\$0.00
AMD	37 est.	Adv Micro Dev			22%	LSCC	12 est.	Lattice Sem		CY25rev:	1%
Qtr:	1Q		B Gro			Qtr:	1Q	Grade:	D		(qtr-qtr)
Rev:	7,438			Rev:		Rev:	120.2	Rev:	0	Rev:	2.4%
GM:	53.7%	EPS:		cst:		GM:	69.0%	EPS:	0	Fcst:	-1+7%
EPS:	\$0.96	Fcst:	+	Div:		EPS:	\$0.22	Fcst:	-	Div:	
4001	2 004	Alaba & Omeo	- EV25	· • · · ·	E0/	MDLV	10 oot	Mahilaya Ci	ahal	CV2Erour	60/
AOSL Qtr:	3 est. F3Q	Alpha & Omeg Grade:	a FY25 <i>i</i> A Gro		(atr. atr.)	MBLY Qtr:	19 est. 1Q	Mobileye Gl Grade:	С	CY25rev:	6% (qtr-qtr)
Rev:	164.6			Rev:	., .,	Rev:	438	Rev:	+	Growth Rev:	-10.6%
GM:	22.5%			cst:		GM:	68.7%	EPS:	0	Fcst:	+7%
EPS:	(\$0.10)	_		Div:		EPS:	\$0.06	Fcst:	+++	Div:	1770
<u> </u>	(ψ0.10)	1 631.	• •	DIV.		<u> </u>	ψ0.00	1 031.		DIV.	
ARM	25 est.	ARM	FY26	rev:	20%	MCHP	20 est.	Microchip T	ech	FY26rev:	3%
Qtr:	F4Q	Grade:	D Gro	wth		Qtr:	F4Q	Grade:	В	Growth	(qtr-qtr)
Rev:	1,241	Rev:	+ F	Rev:	26.2%	Rev:	970.5	Rev:	+++	Rev:	-5.4%
GM:	98.4%	EPS: +	·++ F	cst:	-19-11%	GM:	52.0%	EPS:	+	Fcst:	+5+10%
EPS:	\$0.55	Fcst:	-	Div:		EPS:	\$0.11	Fcst:	++	Div:	\$0.455
			a						_		
CEVA	5 est.	Ceva	CY25		2%	MPWR	15 est.	Monlithic Po			20%
Qtr:	1Q				(, , ,	Qtr:	1Q	Grade:	В	Growth	., ,
Rev:	24.3			Rev:		Rev:	637.6	Rev:	++	Rev:	2.6%
GM: EPS:	86.5% \$0.06	EPS: Fcst: -		cst: Div:		GM: EPS:	55.7% \$4.04	EPS: Fcst:	+	Fcst: Div:	+1+4% \$1.56
EFS.	φυ.υυ	rusi		טוע.		EFS.	φ4.04	rusi.	TTT	DIV.	φ1.50
CRUS	6 est.	Cirrus Logic	FY26	ev.	-2%	MRAM	1 est.	Everspin Te	ch	CY25rev:	7%
Qtr:	F4Q		A Gro			Qtr:	1Q	Grade:	D D	Growth	(qtr-qtr)
Rev:	424.5	_		Rev:		Rev:	13.1	Rev:	++	Rev:	-0.8%
GM:	53.5%			cst:		GM:	52.8%	EPS:	_	Fcst:	-5+3%
EPS:	\$1.67	_		Div:		EPS:	\$0.02	Fcst:	+	Div:	0.070
	*****						70.00				
DIOD	4 est.	Diodes	CY25	rev:	7%	MTSI	14 est.	MACOM Te	ch	FY25rev:	31%
Qtr:	1Q				(qtr-qtr)	Qtr:	F2Q	Grade:	В		(qtr-qtr)
Rev:	332.1	Rev: +	·++ F	Rev:	-2.1%	Rev:	235.9	Rev:	+++	Rev:	8.2%
GM:	31.5%	EPS:	++ <u>F</u>	cst:	+4+10%	GM:	57.5%	EPS:	+	Fcst:	+4+8%
EPS:	\$0.19	Fcst: +	++	Div:		EPS:	\$0.85	Fcst:	+++	Div:	
GFS	13 est.	GlobalFoundrie			2%	MU	25 est.	Micron Tecl		FY25rev:	41%
Qtr:	1Q				(qtr-qtr)	Qtr:	F2Q	Grade:	. B	Growth	(qtr-qtr)
Rev:	1,585	Rev:		Rev:		Rev:	8,053	Rev:	+++	Rev:	-7.5%
GM:	23.9%			cst:		GM:	37.9%	EPS:	+++	Fcst:	+7+12%
EPS:	\$0.34	Fcst:	+	Div:		EPS:	\$1.56	Fcst:	++	Div:	\$0.115
GSIT	0 est.	GSI Technolog	y FY26	ev.	na	MXL	11 est.	MaxLinear		CY25rev:	23%
Qtr:	F4Q	_	•		(qtr-qtr)	Qtr:	1Q	Grade:	С	Growth	
Rev:	5.9	Rev:		Rev:		Rev:	95.9	Rev:	+++	Rev:	4.0%
	56.1%			cst:		GM:	59.1%	EPS:	0	Fcst:	-1+20%
GM·											
GM: EPS:	(\$0.09)			Div:		EPS:	(\$0.05)	Fcst:	+	Div:	

NLST	1 est.	Netlist		CY25rev:	94%	SQNS	1 est.	Sequans Co	omm	CY25rev:	-2%
Qtr:	1Q	Grade:	D	Growth	(qtr-qtr)	Qtr:	1Q	Grade:	С	Growth	(qtr-qtr)
Rev:	29.0	Rev:	++	Rev:	-15.5%	Rev:	8.1	Rev:	++	Rev:	-27.1%
GM:	4.5%	EPS:	-	Fcst:	na	GM:	64.5%	EPS:	++	Fcst:	-1+12%
EPS:	(\$0.03)	Fcst:	na	Div:		EPS:	(\$0.24)	Fcst:	0	Div:	
NXPI	24 est.	NXP Semi		CY25rev:	-6%	STM	7 est.	STMicroele	ctronics	CY25rev:	-13%
Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)	Qtr:	1Q	Grade:	D	Growth	(qtr-qtr)
Rev:	2,835	Rev:	+	Rev:	-8.9%	Rev:	2,517	Rev:	-	Rev:	-24.2%
GM:	56.1%	EPS:	+	Fcst:	-1+6%	GM:	33.4%	EPS:	+	Fcst:	+4+11%
EPS:	\$2.64	Fcst:	+	Div:	\$1.014	EPS:	\$0.06	Fcst:	++	Div:	\$0.06
ON	26 est.	ON Semico	nductor	CY25rev:	-16%	SWKS	23 est.	Skyworks		FY25rev:	-8%
Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)	Qtr:	F2Q	Grade:	В	Growth	(qtr-qtr)
Rev:	1,445.7	Rev:	+++	Rev:	-16.1%	Rev:	953.2	Rev:	+	Rev:	-10.8%
GM:	40.0%	EPS:	++	Fcst:	-3+4%	GM:	46.7%	EPS:	++	Fcst:	-4+1%
EPS:	\$0.55	Fcst:	++	Div:		EPS:	\$1.24	Fcst:	++	Div:	\$0.70
PI	8 est.	Impinj		CY25rev:	-6%	SYNA	9 est.	Synaptics		FY25rev:	12%
Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)	Qtr:	F3Q	Grade:	В	Growth	(qtr-qtr)
Rev:	74.3	Rev:	+++	Rev:	-18.9%	Rev:	266.6	Rev:	+	Rev:	-0.2%
GM:	52.5%	EPS:	+++	Fcst:	+23+29%	GM:	53.5%	EPS:	+++	Fcst:	-1+11%
EPS:	\$0.21	Fcst:	+	Div:		EPS:	\$0.90	Fcst:	+++	Div:	
QCOM	26 est.	Qualcomm		FY25rev:	12%	TSM	20 est.	Taiwan Sen			28%
Qtr:	F2Q	Grade:	D	Growth	· · · · ·	Qtr:	1Q	Grade:	В	Growth	., ,,
Rev:	10,836	Rev:	++	Rev:	-7.1%	Rev:	25,526	Rev:	+	Rev:	-5.1%
GM:	55.0%	EPS:	+	Fcst:	-9-1%	GM:	58.8%	EPS:	+	Fcst:	
EPS:	\$2.85	Fcst:	-	Div:	\$0.89	EPS:	\$2.12	Fcst:	+	Div:	\$0.70
QRVO	21 est.	Qorvo		FY26rev:	-1%	TXN	24 est.	Texas Instr	uments	CY25rev:	10%
Qtr:	F4Q	Grade:	В		(qtr-qtr)	Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)
Rev:	869.5	Rev:	+++	Rev:	-5.1%	Rev:	4,069	Rev:	++	Rev:	1.5%
GM:	45.9%	EPS:	+++	Fcst:	-3.1 <i>%</i> -14-8%	GM:	56.8%	EPS:	+++	Fcst:	+3+11%
EPS:	\$1.42	Fcst:	+	Div:	- 14-070	EPS:	\$1.28	Fcst:	++	Div:	\$1.36
	· ·										,
RMBS	4 est.	Rambus		CY25rev:	24%	UMC	5 est.	United Micr		CY25rev:	8%
Qtr:	1Q	Grade:	В	Growth	(qtr-qtr)	Qtr:	1Q	Grade:	D	Growth	(qtr-qtr)
Rev:	166.7	Rev:	++	Rev:	3.5%	Rev:	1,744	Rev:	+	Rev:	-5.3%
GM:	81.3%	EPS:	+	Fcst:	-5+6%	GM:	26.7%	EPS:	-	Fcst:	+5+7%
EPS:	\$0.56	Fcst:	+	Div:		EPS:	\$0.093	Fcst:	+	Div:	\$0.1113
CIMO	7	Ciliaan Mat		C\/05===	00/	V/LNI	1	Valena Com		0)/05====	400/
SIMO	7 est.	Silicon Moti		CY25rev:	0% (ortr. ortr)	VLN	4 est.	Valens Sen		CY25rev:	-12%
Qtr:	1Q	Grade:	<i>D</i>	Growth	(qtr-qtr)	Qtr:	1Q	Grade:	D	Growth	(qtr-qtr)
Rev:	166.5	Rev:	+++	Rev:	-12.9%	Rev:	16.8	Rev:	+++	Rev:	1.0%
GM: EPS:	47.1% \$0.60	EPS: Fcst:	+++	Fcst:	+5+10% \$0.50	GM: EPS:	66.7% (\$0.03)	EPS: Fcst:	0 	Fcst: Div:	-2-0%
EFJ.	φυ.υυ	rusi.		DIV.	φ0.50	LF3.	(φυ.υυ)	rusi.		DIV.	
SITM	6 est.	SiTime		CY25rev:	37%	VSH	3 est.	Vishay Inter	rconnect	CY25rev:	2%
Qtr:	1Q	Grade:	Α	Growth		Qtr:	1Q	Grade:	D	Growth	
Rev:	60.3	Rev:	+++	Rev:	-11.5%	Rev:	715.2	Rev:	+	Rev:	0.1%
GM:	57.4%	EPS:	+++	Fcst:	+6+9%	GM:	19.0%	EPS:	-	Fcst:	+4+9%
EPS:	\$0.26	Fcst:	+++	Div:		EPS:	(\$0.03)	Fcst:	++	Div:	\$0.10
SKYT	5 est.	Skywater T	ech	CY25rev:	-12%	WOLF	12 est.	Wolfspeed		FY25rev:	-7%
Qtr:	1Q	Grade:	D	Growth	(qtr-qtr)	Qtr:	F3Q	Grade:	D	Growth	(qtr-qtr)
Rev:	61.3	Rev:	+	Rev:	-18.8%	Rev:	185.4	Rev:	-	Rev:	2.7%
GM:	24.2%	EPS:	+++	Fcst:	-10-2%	GM:	2.0%	EPS:	++	Fcst:	na
EPS:	(\$0.08)	Fcst:		Div:		EPS:	(\$0.72)	Fcst:	na	Div:	
						-					
SNDK	6 est.	Sandisk		FY25rev:	8%	XPER	3 est.	Xperi		CY25rev:	-1%
Qtr:	F3Q	Grade:	Α	Growth	(qtr-qtr)	Qtr:	1Q	Grade:	С	Growth	(qtr-qtr)
Rev:	1,695	Rev:	na	Rev:	-9.6%	Rev:	114.0	Rev:	+	Rev:	-6.9%
GM:	22.7%	EPS:	na	Fcst:	+3+9%	GM:	74.0%	EPS:	+++	Fcst:	na
EPS:	(\$0.30)	Fcst:	+++	Div:		EPS:	\$0.16	Fcst:	0	Div:	\$0.05

—Dan K. Scovel Semiconductor Analyst

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Tokeneke Research LLC Rowayton, CT 06853 dscovel@tokenekeresearch.com www.tokenekeresearch.com 203-554-4621

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