4	0	0	<	3	К.	I.	D	0	- 11
S	Т	0	С	K	-	-	-	5	M
٧	7	0	5.	%	G	R	?	٧	2
D	9	8	М	Α	R	K	Ε	Т	-
1	M		q	3	>	8	9		Х
1	0	R	G	Α	N	Т	z	Ε	R

### STRENGTHENING REPORT

# **ELECTRONICS**

Weakened

"I have a market edge when I am unorganized"

Said no one, ever

. . . . . 5 Average

Relative strongest: All tied except Semi Equipment/Matls

Relative weakest: Semi Equipment/Matls

<u>Weakened:</u> Div Elect, Printed Circ Bds, Broad Line + Ics + Speclialized Semis, Semi Equip/Matls

er <u>Strengthened:</u> None

		LONGEST PERIOD			SHORTEST	PERIOD
OVERVIEW Index/Sector/Industry/Sub-Industry (# stocks)		60 Days - 02/17/23 to 04/18/23	29 Days - 03/20/23 to 04/18/23	14 Days - 04/04/23 to 04/18/23	7 Days - 04/11/23 to 04/18/23	Status 04/18/23
ELECTRONICS	Only one	Weakened	Weakened	Weakened	Weakened	5 Average
ELECTRONICS - Diversified Electronics (22)	strengthening	Weakened	Weakened	Unchanged	Weakened	5 Average
ELECTRONICS - Printed Circuit Boards (7)		Weakened	Weakened	Unchanged	Weakened	5 Average
ELECTRONICS - Scientific & Technical Instruments (18)	instance in the	Weakened	Weakened	Unchanged	Unchanged	5 Average
ELECTRONICS - Semiconductor - Broad Line (13)	past two months	Weakened	Weakened	Weakened	Weakened	5 Average
ELECTRONICS - Semiconductor - Integrated Circuits (13)		Weakened	Weakened	Weakened	Weakened	5 Average
ELECTRONICS - Semiconductor - Memory Chips (4)		Weakened	Weakened	Strengthened	Unchanged	5 Average
ELECTRONICS - Semiconductor - Specialized (17)		Weakened	Weakened	Weakened	Weakened	5 Average
ELECTRONICS - Semiconductor Equipment & Materials (22)		Weakened	Weakened	Weakened	Weakened	6 Weak
SORT by PERIOD				Lower Strength	STRENGTH CHANGE	Higher Strength

SORT by PERIOD							Lower Strength STRENGTH CHANGE Higher Strength
SHORTEST PERIOD	7 Days - 04/11/23 to 04/18/23	#	Min	Max	Avg	Status	KEY: No change <- Weakened -> Strengthened
ELECTRONICS	Weakened	11	-18%	<b>16%</b>	1%	5 Average	< <mark>- &lt;- &lt;-</mark>
ELECTRONICS - Diversified Electronics	Weakened	22	-8	6%	<b>1</b> 0%	5 Average	<- <-
ELECTRONICS - Printed Circuit Boards	Weakened	7	7%	2%	1%	5 Average	<- <- <-
ELECTRONICS - Scientific & Technical Instruments	Unchanged	18	-4%	3%	<b>0</b> %	5 Average	
ELECTRONICS - Semiconductor - Broad Line	Weakened	13	-7🌠	3%	<b>¤</b> 2%	5 Average	<- <- <- <-
ELECTRONICS - Semiconductor - Integrated Circuits	Weakened	13	-3%	9%	0%	5 Average	< <mark>- &lt;-</mark>
ELECTRONICS - Semiconductor - Memory Chips	Unchanged	4	-3%	-1%	<b>2</b> %	5 Average	
ELECTRONICS - Semiconductor - Specialized	Weakened	17	-18%	6%	N. X	5 Average	<del>&lt;- &lt;-</del>
ELECTRONICS - Semiconductor Equipment & Materials	Weakened	22	-6%	<b>16</b> %	<b>¤</b> 2%	6 Weak	<- <- <-

SECOND-SHORTEST PERIOD	14 Days - 04/04/23 to 04/18/23	#	Min	Max	Avg	Status	KEY: No change <- Weakened -> Strengthened
ELECTRONICS	Weakened	116	-22%	<b>18</b> %	<b>[</b> 2%	5 Average	<- <- <-
ELECTRONICS - Diversified Electronics	Unchanged	22	-15%	8%	<b>[</b> 1%	5 Average	
ELECTRONICS - Printed Circuit Boards	Unchanged	7	-3%	5%	<b>•</b> 0%	5 Average	
ELECTRONICS - Scientific & Technical Instruments	Unchanged	18	-117%	6%	0%	5 Average	
ELECTRONICS - Semiconductor - Broad Line	Weakened	13	-11%	1%	<b>4</b> %	5 Average	<- <- <- <- <- <-
ELECTRONICS - Semiconductor - Integrated Circuits	Weakened	13	-77	<b>18</b> %	0%	5 Average	<- <-
ELECTRONICS - Semiconductor - Memory Chips	Strengthened	4	-5%	8%	1%	5 Average	-> ->
ELECTRONICS - Semiconductor - Specialized	Weakened	17	22%	5%	<b>4</b> 1%	5 Average	<- <-
ELECTRONICS - Semiconductor Equipment & Materials	Weakened	22	-10%	13%	<b>4</b> %	6 Weak	<- <- <-

SECOND-LONGEST PERIOD	29 Days - 03/20/23 to 04/18/23	#	Min	Max	Avg	Status	KEY: No change <- Weakened -> Strengthened
ELECTRONICS	Weakened	116	-26%	29%	1%	5 Average	<- <- <- <-
ELECTRONICS - Diversified Electronics	Weakened	22	-17%	<b>18</b> %	1%	5 Average	<- <- <-
ELECTRONICS - Printed Circuit Boards	Weakened	7	-1%	4%	2%	5 Average	<- <- <-
ELECTRONICS - Scientific & Technical Instruments	Weakened	18	-7🌠	12%	2%	5 Average	<- <- <- <-
ELECTRONICS - Semiconductor - Broad Line	Weakened	13	-11%	9%	<b>=</b> 3%	5 Average	<- <- <- <- <- <-
ELECTRONICS - Semiconductor - Integrated Circuits	Weakened	13	-26%	29%	<b>¤</b> 2%	5 Average	<- <- <- <-
ELECTRONICS - Semiconductor - Memory Chips	Weakened	4	0%	11%	5%	5 Average	<- <- <-
ELECTRONICS - Semiconductor - Specialized	Weakened	17	-23%	24%	2%	5 Average	<- <- <-
ELECTRONICS - Semiconductor Equipment & Materials	Weakened	22	-16%	<b>18</b> %	<b>5</b> %	6 Weak	<- <- <- <- <-

LONGEST PERIOD	60 Days - 02/17/23 to 04/18/23	#	Min	Max	Avg	Status	KEY:	No change	<- Weakened	-> Strengthened
ELECTRONICS	Weakened	116	-42%	71%	<b>5</b> %	5 Average			<- <- <- <-	<- <-
ELECTRONICS - Diversified Electronics	Weakened	22	-42%	9%	<b>-1</b> 0%	5 Average			<- <- <-	<- <- <- <- <-
ELECTRONICS - Printed Circuit Boards	Weakened	7	-18%	0%	<b></b> 8%	5 Average			<- <- <- <- <- <-	<-
ELECTRONICS - Scientific & Technical Instruments	Weakened	18	-26%	<b>11</b> %	<b>==</b> 6%	5 Average			<- <- <- <-	<- <-
ELECTRONICS - Semiconductor - Broad Line	Weakened	13	<del>-32%</del>	<b>15</b> %	<b>⊈</b> 2%	5 Average			<- <- <-	<- <-
ELECTRONICS - Semiconductor - Integrated Circuits	Weakened	13	-28%	51%	<b>=</b> 3%	5 Average			<- <- <- <-	<- <-
ELECTRONICS - Semiconductor - Memory Chips	Weakened	4	-12%	12%	0%	5 Average			<- <- <-	<- <-
ELECTRONICS - Semiconductor - Specialized	Weakened	17	-31%	71%	0%	5 Average			<- <- <- <-	
ELECTRONICS - Semiconductor Equipment & Materials	Weakened	22	-27%	11%	<b>==</b> 8%	6 Weak		<-	· <- <- <- <- <- <-	<-
l.										

T	0	С	К					
7				_	-	~	5	M
-/-	0	5.	%	G	R	?	$\forall$	2
9	8	М	Α	R	K	Ε	Т	-
M	-	q	3	>	8	9		Х
0	R	G	Α	N	Τ	Z	Ε	R
	9 M	M *	M * q	M * q 3	M * q 3 >	M * q 3 > 8	M * q 3 > 8 9	M A R K E T  O R G A N I Z E

### STRENGTHENING REPORT

# **ELECTRONICS**

Weakened

"I have a market edge when I am unorganized"

Said no one, ever

. . . 5 Average

Relative strongest: All tied except Semi

Equipment/Matls

<u>Strengthened:</u> None

Relative weakest: Semi Equipment/Matls

<u>Weakened:</u> Div Elect, Printed Circ Bds, Broad Line + Ics + Speclialized Semis, Semi Equip/Matls

			LC	NGEST PER	RIOD					SHORTES	T PERIOD
OVERVIEW			60 D	ays - 02/17	/23 to	29 Days -	03/20/23 to	14 Days	- 04/04/23 to	7 Days - 04/11/23 to	Status 04/18/23
Index/Sector/Indu	stry/Sub-Industry			04/18/23	3	04/	18/23	0	4/18/23	04/18/23	Status 04/16/25
ELECTRONICS				Weakene	d	Wea	kened	W	eakened	Weakened	5 Average
ELECTRONICS - Div	versified Electronics (22)			Weakene	d	Wea	akened	Ur	nchanged	Weakened	5 Average
•	inted Circuit Boards (7)			Weakene	d	Wea	akened	Ur	nchanged	Weakened	5 Average
•	ientific & Technical Instruments (18)			Weakene	d	Wea	akened		nchanged	Unchanged	5 Average
•	miconductor - Broad Line (13)			Weakene	d	Wea	akened	W	'eakened	Weakened	5 Average
•	miconductor - Integrated Circuits (13)			Weakene	d	Wea	akened	W	eakened	Weakened	5 Average
•	miconductor - Memory Chips (4)			Weakene	d	Wea	akened		engthened	Unchanged	5 Average
•	miconductor - Specialized (17)			Weakene			akened		'eakened	Weakened	5 Average
•	miconductor Equipment & Materials (22)			Weakene	d	Wea	akened	W	eakened	Weakened	6 Weak
								•			
SORT by SUB-IND	IISTRY							Lowe	er Strength	STRENGTH CHANGE	Higher Strength
ELECTRONICS			#	Min	Max	Avg	Status	KEY:			-> Strengthened
	7 Days - 04/11/23 to 04/18/23	Weakened	116		<b>16%</b>		5 Average			<- <- <-	
	14 Days - 04/04/23 to 04/18/23	Weakened	116	-22%	18%		5 Average			<- <- <-	
	29 Days - 03/20/23 to 04/18/23	Weakened	116	-26%	29%		5 Average			<- <- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	116	-42%	71%	_	5 Average			<- <- <- <- <-	2.2
	00 Days - 02/17/23 to 04/18/23	Weakeneu	110	-42/0	71/0		JAVETAGE				
FLECTRONICS . Dis	versified Electronics										
LLECTRONICS - DI	7 Days - 04/11/23 to 04/18/23	Weakened	22	o	6%	<b>1</b> 0%	5 Average				
	14 Days - 04/04/23 to 04/18/23	Unchanged	22	-8 <b>%</b> -1 <b>5%</b>	8%	1%	5 Average 5 Average			4. 6.	
	29 Days - 03/20/23 to 04/18/23		22	- 15% - 17%	18%	1% 1%	5 Average 5 Average				
	60 Days - 02/17/23 to 04/18/23	Weakened Weakened	22	-1776	18% 9%	1% -10%	5 Average 5 Average				۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰
	00-Days - 02/11/25 to 04/10/25	- vveakerieu	22	-42/4	J/0	U /0	J AVELAGE				
FLECTRONICS . Del	inted Circuit Boards										
LLECTRONICS - Pri	7 Days - 04/11/23 to 04/18/23	Weakened	7	-2%	2%	1%	5 Average				
	14 Days - 04/04/23 to 04/18/23		7	-2/ <b>8</b> -3%	5%	0%	5 Average 5 Average				
	29 Days - 03/20/23 to 04/18/23	Unchanged			5% 4%	0% <b>2</b> %	_				
	60 Days - 02/17/23 to 04/18/23	Weakened Weakened	7	-1% - <b>18%</b>	4% 0%	2% 8%	5 Average 5 Average			<- <- <- <-	<u> </u>
	60 Days - 02/17/23 to 04/18/23	weakened	/	- LO /0	076	0/0	3 Average			000000	<u>~</u>
ELECTRONICS C.	leastfie O. Technical Instruments										
ELECTRONICS - Sci	ientific & Technical Instruments		40	40	201	ارمط				_	
	7 Days - 04/11/23 to 04/18/23	Unchanged	18	-4%	3%	0%	5 Average				
	14 Days - 04/04/23 to 04/18/23	Unchanged	18	-11%	6%	0%	5 Average				
	29 Days - 03/20/23 to 04/18/23	Weakened	18	-7🌠	12%	2%	5 Average			<- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	18	-26%	11%	<b>—</b> 6%	5 Average			<- <- <-	<- <-
ELECTRONICS - Se	miconductor - Broad Line										
	7 Days - 04/11/23 to 04/18/23	Weakened	13	-7 <mark>%</mark>	3%	<b>2</b> %	5 Average			<- <- <-	
	14 Days - 04/04/23 to 04/18/23	Weakened	13	-11%	1%	<b>4</b> %	5 Average			<- <- <-	<- <- <-
	29 Days - 03/20/23 to 04/18/23	Weakened	13	-117	9%	<b>=</b> 3%	5 Average				<- <- <-
	60 Days - 02/17/23 to 04/18/23	Weakened	13	<b>□-32%</b>	<b>15</b> %	<b>⊑</b> 2%	5 Average			<- <- <-	<- <-
ELECTRONICS - Se	miconductor - Integrated Circuits										
	7 Days - 04/11/23 to 04/18/23	Weakened	13	-3%		0%	5 Average			<- <-	
	14 Days - 04/04/23 to 04/18/23	Weakened	13	-77	18%	0%	5 Average			<- <-	
	29 Days - 03/20/23 to 04/18/23	Weakened	13	<del>-26%</del>	29%	<b>¤</b> 2%	5 Average			<- <- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	13	-28%	51%	<b>≖</b> 3%	5 Average			<- <- <- <-	<- <-
ELECTRONICS - Se	miconductor - Memory Chips									<u> </u>	
	7 Days - 04/11/23 to 04/18/23	Unchanged	4	-3%	-1%	<b>□</b> 2%	5 Average				
	14 Days - 04/04/23 to 04/18/23	Strengthened	4	-5%	8%	1%	5 Average			-> ->	
	29 Days - 03/20/23 to 04/18/23	Weakened	4	0%	11%	5%	5 Average			<- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	4	-12%	12%	<b>(</b> 0%	5 Average			<- <- <-	<- <-
ELECTRONICS - Se	miconductor - Specialized										
	7 Days - 04/11/23 to 04/18/23	Weakened	17	-15%	6%	0%	5 Average			<- <-	
	14 Days - 04/04/23 to 04/18/23	Weakened	17	-22%	5%	<b>1</b> %	5 Average			<- <-	
	29 Days - 03/20/23 to 04/18/23	Weakened	17	23%	24%	<b>2</b> %	5 Average			<- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	17	-31%	71%	0%	5 Average			<- <- <-	
ELECTRONICS - Se	miconductor Equipment & Materials										
	7 Days - 04/11/23 to 04/18/23	Weakened	22	-6%	<b>16</b> %	<b>□</b> 2%	6 Weak			<- <- <- <-	
	14 Days - 04/04/23 to 04/18/23	Weakened	22	-10	13%	<b>4</b> %	6 Weak			<- <- <-	
	29 Days - 03/20/23 to 04/18/23	Weakened	22	-16%	<b>18</b> %	<b>5</b> %	6 Weak			<- <- <- <- <- <-	
	60 Days - 02/17/23 to 04/18/23	Weakened	22	-27%	11%	8%	6 Weak			<- <- <- <- <- <-	<-
	7 Days - 04/11/23 to 04/18/23										
	14 Days - 04/04/23 to 04/18/23										
	29 Days - 03/20/23 to 04/18/23										
	60 Days - 02/17/23 to 04/18/23										
								Accessed to the Control of the			

S T O C K

M A R K E T

O R G A N I Z E R

### STRENGTHENING REPORT

### **ELECTRONICS**

Weakened

"I have a market edge when I am unorganized"

Said no one, ever

. . . . . 5 Average

Relative strongest: All tied except Semi Equipment/Matls

Strengthened: None

Relative weakest: Semi Equipment/Matls

<u>Weakened:</u> Div Elect, Printed Circ Bds, Broad Line + Ics + Speclialized Semis, Semi Equip/Matls

									o	CERTIFICATION OF THE	
Sector	1 week 04/11/23 to 04/18/23 Sub-Industry	Company		Rank	Ticker	% Chg	Status		No change	STRENGTH CHANC	Higher Strength -> Strengthened
<u>Sector</u> Technology	ELECTRONICS - Diversified Electronics	Company Impinj Inc	0.0	1	PI	<u>% Cng</u>	1 Strongest	KE T	No change	weakened	Strengthened
Technology	ELECTRONICS - Diversified Electronics	Vontier Corporation	0.0	2	VNT	4%					
Technology	ELECTRONICS - Diversified Electronics	Intevac Inc	0.0	3	IVAC	-2%	1 Strongest				
Technology	ELECTRONICS - Diversified Electronics	nVent Electric plc	0.0	4	NVT	1%	3 Stronger				
Technology	ELECTRONICS - Diversified Electronics	FirstService Corporation	0.0	5	FSV	2%	3 Stronger				
Technology	ELECTRONICS - Diversified Electronics	Dolby Laboratories Inc	0.0	6	DLB	2%	3 Stronger				<- <- <- <- <-
Technology	ELECTRONICS - Diversified Electronics	Tyco Connectivity Ltd.	0.0	7	TEL	2%	3 Stronger				<- <- <-
Technology	ELECTRONICS - Diversified Electronics	Cts Corp	0.0	8 9	CTS GLW	0% -1%	3 Stronger 3 Stronger				<- <- <- <-
Technology Technology	ELECTRONICS - Diversified Electronics ELECTRONICS - Diversified Electronics	Corning Inc Encore Wire Corp	0.0	10	WIRE	3%	5 Average			<b>د-  د-  د-</b>	<- <- <- <- <- <-
Technology	ELECTRONICS - Diversified Electronics	Methode Electronics CI A	0.0	11	MEI	1%	5 Average		-> -> ->	-> -> -> ->	
Technology	ELECTRONICS - Diversified Electronics	Amphenol Corp	0.0	12	APH	0%	5 Average				
Technology	ELECTRONICS - Diversified Electronics	Sanmina-Sci Corporation	0.0	13	SANM	-1%	5 Average			<- <- <-	<- <- <- <- <-
Technology	ELECTRONICS - Diversified Electronics	Advanced Energy Ind Inc	0.0	14	AEIS	-2%	5 Average				
Technology	ELECTRONICS - Diversified Electronics	Kimball Electronics Inc	0.0	15	KE	-3%	5 Average				
Technology	ELECTRONICS - Diversified Electronics	Bel Fuse Inc Cl B	0.0	16	BELFB	-5%	5 Average				
Technology	ELECTRONICS - Diversified Electronics	Babcock & Wilcox	0.0	17	BW	<b>=</b> 6%	5 Average	-> -> -	> -> -> ->	-> -> ->	
Technology Technology	ELECTRONICS - Diversified Electronics ELECTRONICS - Diversified Electronics	Acuity Brands Bloom Energy Corporation	0.0	18 19	AYI BE	2% -3%	7 Weaker 7 Weaker		<- <-		
Technology	ELECTRONICS - Diversified Electronics	American Superconductor Corp	0.0	20	AMSC	0%	8 Very Weak				
Technology	ELECTRONICS - Diversified Electronics	Vicor Corp	0.0	21	VICR	<b>-6</b> %	9 Weakest				
Technology	ELECTRONICS - Diversified Electronics	Plug Power Inc	0.0	22	PLUG	-8%	9 Weakest				
Technology	ELECTRONICS - Printed Circuit Boards	Jabil Inc	0.0	1	JBL	1%	1 Strongest				
Technology	ELECTRONICS - Printed Circuit Boards	Park Aerospace Corp	0.0	2	PKE	2%	5 Average				
Technology	ELECTRONICS - Printed Circuit Boards	Flex Ltd	0.0	3	FLEX	2%	5 Average				
Technology	ELECTRONICS - Printed Circuit Boards	Celestica Inc	0.0	4	CLS	1%	5 Average				
Technology	ELECTRONICS - Printed Circuit Boards	Plexus Corp	0.0	5	PLXS	1%	7 Weaker		<- <- <- <-	<- <- <- <- <- <- <-	<-
Technology Technology	ELECTRONICS - Printed Circuit Boards ELECTRONICS - Printed Circuit Boards	Ttm Technologies Inc Benchmark Electronics Inc	0.0	6 7	TTMI BHE	1% -2%	7 Weaker 9 Weakest	<- <- •			
Technology	ELECTRONICS - Fritted Circuit Boards  ELECTRONICS - Scientific & Technical Instruments	Bruker Corp	1.0	1	BRKR	2%	1 Strongest	C- C-	-		
Technology	ELECTRONICS - Scientific & Technical Instruments	Curtiss Wright Corp	1.0	2	CW	1%	1 Strongest				
Technology	ELECTRONICS - Scientific & Technical Instruments	Bio-rad Laboratories Inc Cl A	0.0	3	BIO	2%	3 Stronger		-> ->	-> -> -> -> ->	-> -> -> ->
Technology	ELECTRONICS - Scientific & Technical Instruments	Fortive Corporation	0.0	4	FTV	3%	3 Stronger			-> -> ->	-> -> ->
Technology	ELECTRONICS - Scientific & Technical Instruments	Esco Technologies Inc	0.0	5	ESE	3%	3 Stronger				
Technology	ELECTRONICS - Scientific & Technical Instruments	Garmin Ltd	0.0	6	GRMN	1%	3 Stronger				-> -> -> ->
Technology	ELECTRONICS - Scientific & Technical Instruments	Novanta Inc	0.0	7	NOVT	1%	3 Stronger			-> -> ->	-> -> -> ->
Technology	ELECTRONICS - Scientific & Technical Instruments	Badger Meter Inc	0.0	8 9	BMI CGNX	0%	3 Stronger				<- <- <- <-
Technology Technology	ELECTRONICS - Scientific & Technical Instruments ELECTRONICS - Scientific & Technical Instruments	Cognex Corp Sensata Technologies Holding N.V.	0.0	9 10	ST	2% 1%	5 Average 5 Average			666	<- <- <- <- <- <-
Technology	ELECTRONICS - Scientific & Technical Instruments	Vishay Precision Group	0.0	11	VPG	-2%	5 Average				
Technology	ELECTRONICS - Scientific & Technical Instruments	Itron Inc	0.0	12	ITRI	-3%	5 Average				
Technology	ELECTRONICS - Scientific & Technical Instruments	Transcat Inc	0.0	13	TRNS	<b>-</b> 4%	5 Average			<- <- <-	<- <- <- <- <-
Technology	ELECTRONICS - Scientific & Technical Instruments	Keysight Technologies Inc	0.0	14	KEYS	<b>-</b> 4%	7 Weaker				
Technology	ELECTRONICS - Scientific & Technical Instruments	Waters Corp	0.0	15	WAT	2%	9 Weakest				
Technology	ELECTRONICS - Scientific & Technical Instruments	Coherent Inc	0.0	16	COHR	-2%	9 Weakest				
Technology	ELECTRONICS - Scientific & Technical Instruments	TrimbleInc	0.0	17	TRMB	-3%	9 Weakest 9 Weakest				
Technology Technology	ELECTRONICS - Scientific & Technical Instruments ELECTRONICS - Semiconductor - Broad Line	Faro Technologies Inc Broadcom Inc	0.0	18 1	FARO AVGO	-4% 2%	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Broad Line	Advanced Micro Devices	0.0	2	AMD	-5%	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Broad Line	Texas Instruments Inc	0.0	3	TXN	0%	3 Stronger				<- <- <- <-
Technology	ELECTRONICS - Semiconductor - Broad Line	Intel Corp	0.0	4	INTC	-2%	4 Strong				
Technology	ELECTRONICS - Semiconductor - Broad Line	On Semiconductor Corp	0.0	5	ON	3%	5 Average			<- <- <-	<- <- <- <- <-
Technology	ELECTRONICS - Semiconductor - Broad Line	NXP Semiconductors NV	0.0	6	NXPI	2%	5 Average				
Technology	ELECTRONICS - Semiconductor - Broad Line	Vishay Intertechnology	0.0	7	VSH	-1%	5 Average				
Technology	ELECTRONICS - Semiconductor - Broad Line	MACOM Technology Solutions Holdin		8	MTSI	-3%	5 Average				
Technology Technology	ELECTRONICS - Semiconductor - Broad Line ELECTRONICS - Semiconductor - Broad Line	ASE Industrial Holding Co. Ltd Formfactor Inc	0.0	9 10	ASX FORM	□ -4% □ -7%	5 Average 6 Weak			<- <- <- <- <-	<-<-<-
Technology	ELECTRONICS - Semiconductor - Broad Line	SiTime Corp	0.0	11	SITM	-7%	6 Weak			<- <- <- <- <- <-	
Technology	ELECTRONICS - Semiconductor - Broad Line	Qorvo Inc	0.0	12	QRVO	-2%	8 Very Weak	<- (	· · ·		
Technology	ELECTRONICS - Semiconductor - Broad Line	nLIGHT Inc	0.0	13	LASR	-1%		<- <-			
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	inTEST Corp	0.0	1	INTT	9%	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Analog Devices Inc	0.0	2	ADI	0%	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Allegro MicroSystems Inc	0.0	3	ALGM	-2%	3 Stronger				<- <- <-
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Tower Semiconductor Ltd	0.0	4	TSEM	2%	4 Strong			-> -> -> -> -> ->	-> ->
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Skyworks Solutions Inc Diodes Inc	0.0	5 6	SWKS DIOD	0%	5 Average 5 Average				
Technology Technology	ELECTRONICS - Semiconductor - Integrated Circuits ELECTRONICS - Semiconductor - Integrated Circuits	Amkor Technology Inc	0.0	7	AMKR	-1%	5 Average				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Ipg Photonics Corp	0.0	8	IPGP	-2%	5 Average			<- <- <-	<- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Power Integrations Inc	0.0	9	POWI	-3%	5 Average				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Camtek Ltd	0.0	10	CAMT	-3%	7 Weaker		<- <- <-	<- <- <- <-	
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Marvell Technology Inc	0.0	11	MRVL	<b>1</b> 5%	9 Weakest				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Semtech Corp	0.0	12	SMTC	0%	9 Weakest				
Technology	ELECTRONICS - Semiconductor - Integrated Circuits	Photronics Inc	0.0	13	PLAB	-3%	9 Weakest				
Technology	ELECTRONICS - Semiconductor - Memory Chips	Rambus Inc	1.0	1	RMBS	-1%	1 Strongest				
Technology Technology	ELECTRONICS - Semiconductor - Memory Chips ELECTRONICS - Semiconductor - Memory Chips	Micron Technology Inc Everspin Technologies	0.0	2 3	MU MRAM	-3% -1%	3 Stronger 5 Average				
Technology	ELECTRONICS - Semiconductor - Memory Chips	SMART Global Holdings	0.0	4	SGH	-2%	9 Weakest				
Technology	ELECTRONICS - Semiconductor - Specialized	Canadian Solar Inc	0.0	1	CSIQ	<b>1</b> 5%	1 Strongest			-> -> ->	-> -> -> -> ->
Technology	ELECTRONICS - Semiconductor - Specialized	First Solar Inc	0.0	2	FSLR	<b>4</b> %	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Specialized	Lattice Semiconductor	0.0	3	LSCC	3%	1 Strongest				
Technology	ELECTRONICS - Semiconductor - Specialized	NVIDIA Corporation	0.0	4	NVDA	2%	1 Strongest			I	

4	0	0	<	3	K.	I.	D	0	
S	Т	0	C	K	-	-		5	М
٧	7	0	5.	%	G	R	?	٧	2
D	9	8	М	Α	R	K	Ε	т	-
1	M		q	3	>	8	9		Х
1	o	R	G	Α	N	1	Z	Ε	R
4		0	1	D	ls.	1.0	1	5	v

### STRENGTHENING REPORT

### **ELECTRONICS**

Weakened

"I have a market edge when I am unorganized"

Said no one, ever

# | S Average | S Av

Technology	ELECTRONICS - Semiconductor - Specialized	Maxeon Solar Technologies Ltd	0.0	5	MAXN		1 Strongest		
Technology	ELECTRONICS - Semiconductor - Specialized	indie Semiconductor Inc	0.0	6	INDI	3%	3 Stronger		
Technology	ELECTRONICS - Semiconductor - Specialized	Monolithic Power Systems	0.0	7	MPWR	-2%	3 Stronger		
Technology	ELECTRONICS - Semiconductor - Specialized	Silicon Laboratories Inc	0.0	8	SLAB	1%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor - Specialized	Microchip Technology Inc	0.0	9	MCHP	0%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor - Specialized	Cirrus Logic Inc	0.0	10	CRUS	-13%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor - Specialized	Ultra Clean Holdings	0.0	11	UCTT	<b>4</b> % -4%	7 Weaker		
Technology	ELECTRONICS - Semiconductor - Specialized	Ceva Inc	0.0	12	CEVA	-3%	8 Very Weak		
Technology	ELECTRONICS - Semiconductor - Specialized	Beem Global	0.0	13	BEEM	-10%	8 Very Weak		
Technology	ELECTRONICS - Semiconductor - Specialized	SunPower Corp	0.0	14	SPWR	<b>=</b> 6%	9 Weakest		
Technology	ELECTRONICS - Semiconductor - Specialized	Sunrun Inc	0.0	15	RUN	2%	9 Weakest		
Technology	ELECTRONICS - Semiconductor - Specialized	MagnaChip Semiconductor Corp	0.0	16	MX	1%	9 Weakest		
Technology	ELECTRONICS - Semiconductor - Specialized	Alpha & Omega Semicond Ltd	0.0	17	AOSL	-1%	9 Weakest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Axcelis Technologies Inc	0.0	1	ACLS	2%	1 Strongest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Synopsys Inc	0.0	2	SNPS	0%	1 Strongest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Enphase Energy Inc	0.0	3	ENPH	16%	3 Stronger	-> -> -> -> -> -> -> ->	-> -> -> -> ->
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Aehr Test Systems	0.0	4	AEHR	3%	5 Average		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	KLA Corporation	0.0	5	KLAC	-2%	5 Average		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Lam Research Corp	0.0	6	LRCX	-2%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Teradyne Inc	0.0	7	TER	-3%	5 Average		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Onto Innovation Inc	0.0	8	ONTO	-4%	5 Average		<- <- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Cohu Inc	0.0	9	COHU	4%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Kulicke & Soffa Ind	0.0	10	KLIC	<b>4</b> %	5 Average		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Nova Ltd	0.0	11	NVMI	<b>-</b> 4%	5 Average		<- <- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Applied Materials Inc	0.0	12	AMAT	<b>-</b> 4%	5 Average		<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Ambarella` Inc.	0.0	13	AMBA	<b>-</b> 4%	7 Weaker		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Ichor Holdings Ltd	0.0	14	ICHR	-6%	7 Weaker	<- <- <- <- <- <-	<-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Adela Inc.	0.0	15	ADEA	1%	8 Very Weak		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Veeco Instruments Inc	0.0	16	VECO	<b>5</b> % -5%	8 Very Weak	<-<-<-	<- <- <- <- <- <- <- <-
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Azenta Inc	0.0	17	AZTA	-1%	9 Weakest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Wolfspeed Inc	0.0	18	WOLF	-2%	9 Weakest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	ACM Research Inc	0.0	19	ACMR	-3%	9 Weakest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Atomera Incorporated	0.0	20	ATOM	<b>-</b> 5%	9 Weakest		
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Maxlinear Inc	0.0	21	MXL	-6%	9 Weakest	<- <- <- <- <-	
Technology	ELECTRONICS - Semiconductor Equipment & Materials	Entegris Inc	0.0	22	ENTG	-6%	9 Weakest		
07	4.1.	ŭ							