

Industry Status: Electronics

1 week 10/05/23 to 10/12/23

9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
.	.	.	122 ELECTRNCS	.	.	.	.	.
.	.	.	24 Div Elect	.	.	.	.	.
.	.	.	.	7 Circuit Boards	.	.	.	.
.	.	.	20 Sci/Tech Inst	.	.	.	.	.
.	.	.	.	13 BroadLine->	13 BroadLine->	.	.	.
.	.	14 IC Semis->	14 IC Semis->	.	.	.	.	.
.	4 Mem Chips	.	.
.	.	17 Spec Semis	.	.	.	.	.	.
.	.	.	.	23 Equip/Mtl	.	.	.	.
.

October 12, 2023

Unchanged at **WEAK** strength rating
(**6th** strongest of 9 levels),
previous move was **DOWN**

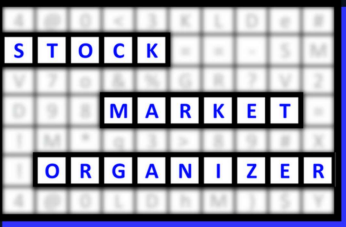


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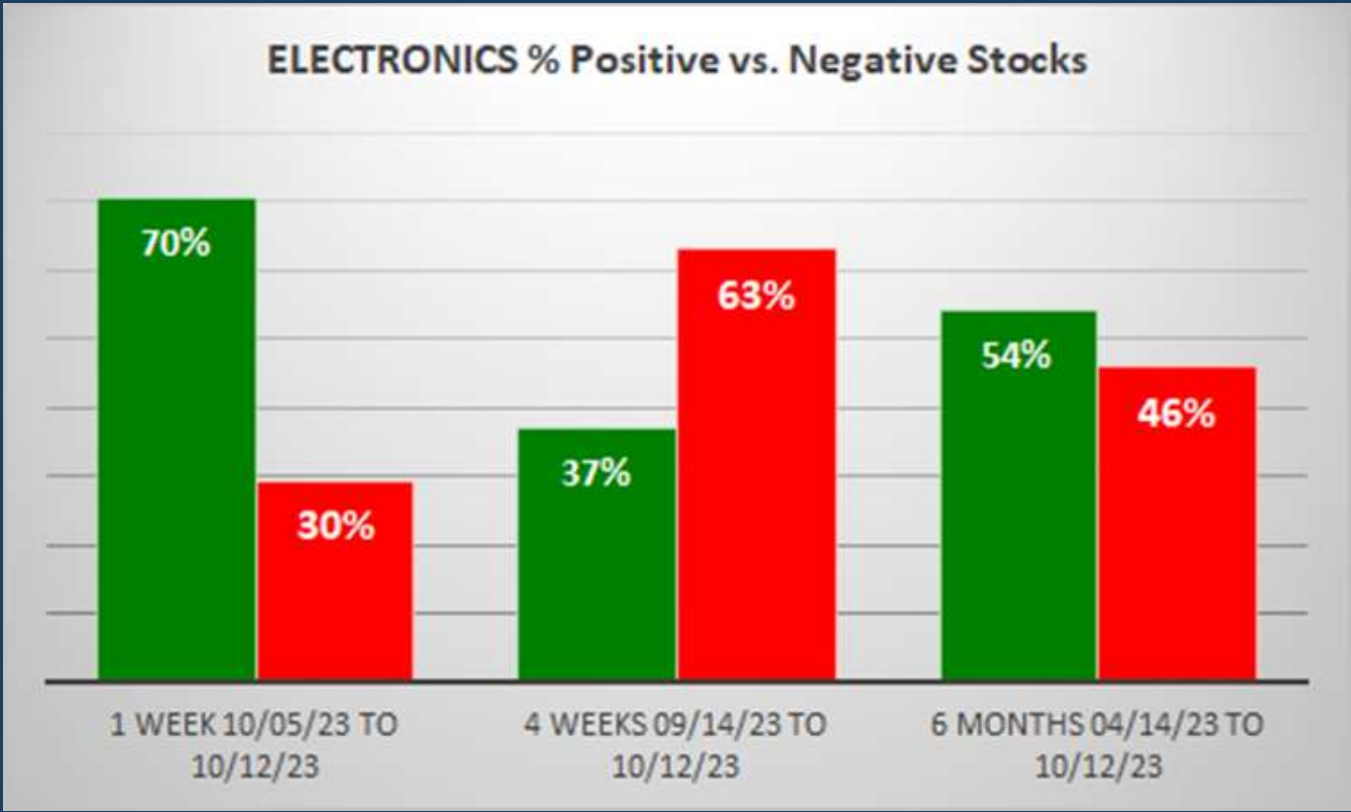
1. INDUSTRY OVERVIEW

1A. Performance

Past 10 Weeks Strengthening/Weakening week-by-week, per the following chart:

9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest	Period
.	.	.	122 ELECTRNCS	.	.	.	.	.	7 Days - 10/05/23 to 10/12/23
.	.	.	122 ELECTRNCS	.	.	.	.	.	7 Days - 09/28/23 to 10/05/23
.	.	.	122 ELECTRNCS	.	.	.	.	.	7 Days - 09/21/23 to 09/28/23
.	.	.	<-ELECTRNCS 122	<-ELECTRNCS 122	.	.	.	.	7 Days - 09/14/23 to 09/21/23
.	.	.	.	122 ELECTRNCS	.	.	.	.	7 Days - 09/07/23 to 09/14/23
.	.	.	.	122 ELECTRNCS	.	.	.	.	7 Days - 08/31/23 to 09/07/23
.	.	.	.	122 ELECTRNCS	.	.	.	.	7 Days - 08/24/23 to 08/31/23
.	.	.	.	122 ELECTRNCS	.	.	.	.	7 Days - 08/17/23 to 08/24/23
.	.	.	.	<-ELECTRNCS 122	<-ELECTRNCS 122	.	.	.	7 Days - 08/10/23 to 08/17/23
.	<-ELECTRNCS 122	<-ELECTRNCS 122	.	.	7 Days - 08/03/23 to 08/10/23

STRENGTHENING 1 Week vs. Mid- and Longer-Term // 1 week positive/negative stocks ratio is HIGHER than both 4 weeks and 6 Months, per the following chart:



1B. Background

Largest of 8 sub-industries (122 stocks, average 15):

- * Diversified Electronics (24 stocks)
- * Semiconductor Equipment & Materials (23 stocks)
- * Scientific & Technical Instruments (20 stocks)
- * Semiconductor – Specialized (17 stocks)
- * Semiconductor – Integrated Circuits (14 stocks)

Top 10 by Market Capitalization:

NVDA/NVIDIA Corporation, TSM/Taiwan Semiconductor Manufacturing Company Ltd. ADS, AVGO/Broadcom Inc, AMD/Advanced Micro Devices, INTC/Intel Corp, TXN/Texas Instruments Inc, AMAT/Applied Materials Inc, LRCX/Lam Research Corp, ADI/Analog Devices Inc, MU/Micron Technology Inc

2. SUB-INDUSTRIES AND STOCKS DETAIL

2A. Sub-Industries Overview

Strengthened: 2/8 sub-industries

Weakened: 0/8 sub-industries

STRONGEST at Stronger rating/3rd strongest of 9 levels:

- * Semiconductor – Memory Chips (4 stocks)

WEAKEST at Weaker rating/7th strongest of 9 levels:

- * Semiconductor – Specialized (17 stocks)

2B. Sub-Industries 10-Week Strengthening Analysis

What: recent week-by-week strength changes for the industry and each underlying sub-industry

Why: objective measurement of strengthening and weakening enabling comparison within and across industries and sub-industries

INDUSTRY CURRENT PERIOD SUMMARY										1 week 10/05/23 to 10/12/23									
Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	2Week	4Week	7Weeker	8Week	5Avg	4Strong	3Stronger	2VStrong	1Strongest			
7 Days - 10/05/23 to 10/12/23	ELECTRONICS	Period 1 of 10 (Current)	122	-10%	2%	18%	Strengthened				122 ELECTRONICS								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	Period 1 of 10 (Current)	24	-10%	2%	16%	Strengthened				24 Div Elect								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	Period 1 of 10 (Current)	7	-10%	2%	8%	Strengthened				7 Circuit Boards								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	Period 1 of 10 (Current)	20	-10%	1%	12%	Strengthened				20 ScI/Tech Inst								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	Period 1 of 10 (Current)	13	-10%	3%	10%	Strengthened				13 BroadLine->	13 BroadLine->							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 1 of 10 (Current)	14	-10%	3%	6%	Strengthened				14 IC Semis->	14 IC Semis->							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	Period 1 of 10 (Current)	4	-10%	3%	6%	Strengthened								4 Mem Chips				
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	Period 1 of 10 (Current)	17	-10%	2%	18%	Strengthened				17 Spec Semis								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	Period 1 of 10 (Current)	23	-10%	3%	14%	Unchanged								23 Equip/Mtl				
7 Days - 10/05/23 to 10/12/23		Period 1 of 10 (Current)																	
PREVIOUS WEEKS (EDUCATIONAL PURPOSES ONLY/NOT A STOCK OR INVESTMENT RECOMMENDATION)																			
Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	2Week	4Week	7Weeker	8Week	5Avg	4Strong	3Stronger	2VStrong	1Strongest			
7 Days - 10/05/23 to 10/12/23	ELECTRONICS	Period 1 of 10 (Current)	122	-10%	2%	18%	Strengthened				122 ELECTRONICS								
7 Days - 09/28/23 to 10/05/23	ELECTRONICS	Period 2 of 10	122	-10%	3%	6%	Unchanged				122 ELECTRONICS								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS	Period 3 of 10	122	-10%	2%	19%	Strengthened				122 ELECTRONICS								
7 Days - 09/14/23 to 09/21/23	ELECTRONICS	Period 4 of 10	122	-10%	-5%	10%	Weakened				<ELECTRONICS 122	<ELECTRONICS 122							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS	Period 5 of 10	122	-10%	0%	14%	Unchanged				122 ELECTRONICS								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS	Period 6 of 10	122	-10%	-4%	13%	Weakened				122 ELECTRONICS								
7 Days - 08/24/23 to 08/31/23	ELECTRONICS	Period 7 of 10	122	-10%	5%	25%	Strengthened				122 ELECTRONICS								
7 Days - 08/17/23 to 08/24/23	ELECTRONICS	Period 8 of 10	122	-10%	1%	17%	Weakened				122 ELECTRONICS								
7 Days - 08/10/23 to 08/17/23	ELECTRONICS	Period 9 of 10	122	-10%	-5%	10%	Weakened				<ELECTRONICS 122	<ELECTRONICS 122							
7 Days - 08/03/23 to 08/10/23	ELECTRONICS	Period 10 of 10	122	-10%	-3%	20%	Weakened				<ELECTRONICS 122	<ELECTRONICS 122	<ELECTRONICS 122						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	Period 1 of 10 (Current)	24	-10%	2%	16%	Strengthened				24 Div Elect								
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Diversified Electronics	Period 2 of 10	24	-10%	5%	Unchanged				24 Div Elect									
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Diversified Electronics	Period 3 of 10	24	-10%	1%	7%	Unchanged				24 Div Elect								
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Diversified Electronics	Period 4 of 10	24	-10%	-4%	2%	Weakened				<Div Elect 24	<Div Elect 24							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Diversified Electronics	Period 5 of 10	24	-10%	-1%	6%	Unchanged				24 Div Elect								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Diversified Electronics	Period 6 of 10	24	-10%	-4%	1%	Weakened				24 Div Elect								
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Diversified Electronics	Period 7 of 10	24	-10%	4%	11%	Strengthened				24 Div Elect->	24 Div Elect->							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Diversified Electronics	Period 8 of 10	24	-10%	1%	8%	Weakened				<Div Elect 24	<Div Elect 24							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Diversified Electronics	Period 9 of 10	24	-10%	-4%	6%	Weakened				24 Div Elect								
7 Days - 08/03/23 to 08/10/23	ELECTRONICS - Diversified Electronics	Period 10 of 10	24	-10%	-4%	3%	Weakened				<Div Elect 24	<Div Elect 24							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	Period 1 of 10 (Current)	7	-10%	2%	8%	Strengthened				7 Circuit Boards								
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Printed Circuit Boards	Period 2 of 10	7	-10%	1%	6%	Unchanged				7 Circuit Boards								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Printed Circuit Boards	Period 3 of 10	7	-10%	3%	19%	Strengthened				7 Circuit Boards								
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Printed Circuit Boards	Period 4 of 10	7	-10%	-2%	3%	Unchanged				7 Circuit Boards								
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Printed Circuit Boards	Period 5 of 10	7	-10%	2%	14%	Unchanged				7 Circuit Boards								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Printed Circuit Boards	Period 6 of 10	7	-10%	-5%	0%	Weakened				<Circuit Boards 7	<Circuit Boards 7							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Printed Circuit Boards	Period 7 of 10	7	0%	4%	10%	Strengthened				7 Circuit Boards->	7 Circuit Boards->	7 Circuit Boards->						
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Printed Circuit Boards	Period 8 of 10	7	-10%	2%	6%	Unchanged				7 Circuit Boards								
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Printed Circuit Boards	Period 9 of 10	7	-10%	1%	1%	Weakened				<Circuit Boards 7	<Circuit Boards 7							
7 Days - 08/03/23 to 08/10/23	ELECTRONICS - Printed Circuit Boards	Period 10 of 10	7	-10%	-2%	1%	Weakened				<Circuit Boards 7	<Circuit Boards 7	<Circuit Boards 7						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	Period 1 of 10 (Current)	20	-10%	1%	12%	Strengthened				20 ScI/Tech Inst								
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Scientific & Technical Instruments	Period 2 of 10	20	-10%	-3%	2%	Weakened				20 ScI/Tech Inst								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Scientific & Technical Instruments	Period 3 of 10	20	-10%	2%	11%	Strengthened				20 ScI/Tech Inst								
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Scientific & Technical Instruments	Period 4 of 10	20	-10%	-4%	10%	Weakened				20 ScI/Tech Inst								
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Scientific & Technical Instruments	Period 5 of 10	20	-10%	2%	1%	Weakened				20 ScI/Tech Inst								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Scientific & Technical Instruments	Period 6 of 10	20	-10%	-2%	18%	Weakened				<ScI/Tech Inst 20	<ScI/Tech Inst 20							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Scientific & Technical Instruments	Period 7 of 10	20	-10%	3%	9%	Strengthened				20 ScI/Tech Inst								
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Scientific & Technical Instruments	Period 8 of 10	20	-10%	0%	9%	Weakened				20 ScI/Tech Inst								
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Scientific & Technical Instruments	Period 9 of 10	20	-10%	-4%	10%	Weakened				<ScI/Tech Inst 20	<ScI/Tech Inst 20							
7 Days - 08/03/23 to 08/10/23	ELECTRONICS - Scientific & Technical Instruments	Period 10 of 10	20	-10%	-1%	7%	Weakened				20 ScI/Tech Inst								
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	Period 1 of 10 (Current)	13	-10%	3%	10%	Strengthened				13 BroadLine->	13 BroadLine->							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Broad Line	Period 2 of 10	13	-10%	2%	2%	Unchanged				13 BroadLine								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Broad Line	Period 3 of 10	13	-10%	3%	7%	Unchanged				13 BroadLine								
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Broad Line	Period 4 of 10	13	-10%	-5%	0%	Weakened				<BroadLine 13	<BroadLine 13							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Semiconductor - Broad Line	Period 5 of 10	13	-10%	-1%	2%	Weakened				13 BroadLine								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Semiconductor - Broad Line	Period 6 of 10	13	-10%	-3%	9%	Weakened				13 BroadLine								
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Semiconductor - Broad Line	Period 7 of 10	13	-10%	14%	14%	Strengthened				13 BroadLine->	13 BroadLine->							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Semiconductor - Broad Line	Period 8 of 10	13	-10%	2%	11%	Weakened				<BroadLine 13	<BroadLine 13							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Semiconductor - Broad Line	Period 9 of 10	13	-10%	-5%	1%	Weakened				<BroadLine 13	<BroadLine 13							
7 Days - 08/03/23 to 08/10/23	ELECTRONICS - Semiconductor - Broad Line	Period 10 of 10	13	-10%	-4%	1%	Weakened				<BroadLine 13	<BroadLine 13	<BroadLine 13						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 1 of 10 (Current)	14	-10%	2%	6%	Strengthened				14 IC Semis->	14 IC Semis->							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 2 of 10	14	-10%	-3%	1%	Unchanged				14 IC Semis								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 3 of 10	14	-10%	3%	17%	Unchanged				<IC Semis 14	<IC Semis 14							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 4 of 10	14	-10%	-5%	0%	Weakened				<IC Semis 14	<IC Semis 14							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 5 of 10	14	-10%	-1%	2%	Unchanged				14 IC Semis								
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 6 of 10	14	-10%	-6%	-2%	Weakened				<IC Semis 14	<IC Semis 14							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 7 of 10	14	-10%	5%	16%	Strengthened				14 IC Semis	14 IC Semis							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 8 of 10	14	-10%	2%	17%	Unchanged				14 IC Semis								
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 9 of 10	14	-10%	-1%	1%	Weakened				<IC Semis 14	<IC Semis 14							
7 Days - 08/03/23 to 08/10/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 10 of 10	14	-10%	-5%	0%	Weakened				<IC Semis 14	<IC Semis 14	<IC Semis 14	<IC Semis 14					
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	Period 1 of 10 (Current)	4	-10%	3%	6%	Strengthened				4 Mem Chips								
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Memory Chips	Period 2 of 10	4	-10%	2%	6%	Strengthened				4 Mem Chips								
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Memory Chips	Period 3 of 10	4	-10%	-4%	8%	Strengthened				4 Mem Chips->	4 Mem Chips->	4 Mem Chips->						
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Memory Chips	Period 4 of 10	4	-10%	-7%	-5%	Weakened												

2C. Stocks 1 Week Strongest and Weakest

What: stocks currently rated Strongest/Weakest (highest/lowest of 9 strength ratings)

Why: most interesting stocks for available capital because

- the Strongest have the least amount of overhead supply to dampen breakouts while
- the Weakest may be prone to volatility, subject to big pops from bottom-fishing and short-covering BUT ALSO to bigger and faster falls.

(Not guaranteed and not a recommendation – weak stocks in weakening sub-industries may be better shorts than high-flyers.)

STOCK DETAIL (EDUCATIONAL PURPOSES ONLY/NOT FINANCIAL ADVICE)

										1 week 10/05/23 to 10/12/23									
Length - Begin/End	Sub-Industry	Ticker	Company	Score	5yr	% Chg	Strength	Status		1Weakest	2Weakest	3Weakest	4Weakest	5Weakest	6Weakest	7Weakest	8Weakest	9Weakest	1Strongest
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	WIRE	Encore Wire Corp	15-61-61	92%	6%	10%	1Strongest											WIRE
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	VNT	Ventur Corporation	11-61-61	72%	1%	12%	1Strongest											VNT
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	PLUG	Plug Power Inc	95-61-61	8%	16%	-32%	9Weakest		PLUG									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	MEI	Method Electronics C/A	95-61-61	11%	7%	-35%	9Weakest		MEI									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	BE	Bloom Energy Corporation	95-61-61	22%	6%	-35%	9Weakest		BE									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	PI	Impinj Inc	95-61-61	31%	4%	-46%	9Weakest		PI									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	SANM	Sanmina-Sci Corporation	95-61-61	71%	2%	-5%	9Weakest		SANM									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	MVIS	Microvision Inc	95-61-61	7%	-1%	-29%	9Weakest		MVIS									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	GLW	Corning Inc	95-61-61	36%	-5%	-15%	9Weakest		GLW									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	BW	Balcook & Wilcox	95-61-61	24%	-10%	-46%	9Weakest		BW									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	JBL	Jabil Inc	15-51-61	100%	8%	49%	1Strongest											JBL
1 week 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	CLS	Celastica Inc	15-51-61	100%	4%	71%	1Strongest											CLS
1 week 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	PKE	Park Aerospace Corp	15-51-61	39%	-5%	8%	1Strongest											PKE
1 week 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	PLXS	Plexus Corp	95-51-61	75%	3%	-1%	9Weakest		PLXS									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	TTM	Tim Technologies Inc	99-51-61	47%	-1%	-8%	9Weakest		TTM									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	GEOS	Geospace Technologies Corporation	15-61-61	70%	12%	71%	1Strongest											GEOS
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	CW	Curtis Wright Corp	11-61-61	97%	6%	14%	1Strongest											CW
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	ESE	Eso Technologies Inc	15-61-61	84%	0%	8%	1Strongest											ESE
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	ST	Sensata Technologies Holding N.V.	95-61-61	34%	2%	-15%	9Weakest		ST									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	KEYS	Keysight Technologies Inc	95-61-61	45%	0%	-17%	9Weakest		KEYS									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	FARO	Faro Technologies Inc	95-61-61	4%	0%	-31%	9Weakest		FARO									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	VPK	Vishay Precision Group	95-61-61	55%	0%	-14%	9Weakest		VPK									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	BRKR	Brucker Corp	95-61-61	50%	-1%	-14%	9Weakest		BRKR									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	BIO	Bio-rad Laboratories Inc C/A	95-61-61	19%	-2%	-17%	9Weakest		BIO									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	HURC	Hurco Companies Inc	99-61-61	3%	-3%	-11%	9Weakest		HURC									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	WAT	Waters Corp	95-61-61	34%	-4%	-14%	9Weakest		WAT									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	CGNX	Cognex Corp	95-61-61	2%	-6%	-21%	9Weakest		CGNX									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	AVGO	Broadcom Inc	11-41-61	98%	10%	24%	1Strongest											AVGO
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	MTSI	MACOM Technology Solutions Holdings Inc	15-41-61	97%	5%	22%	1Strongest											MTSI
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	ASX	ASE Industrial Holding Co Ltd	11-41-61	73%	4%	4%	1Strongest											ASX
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	INTC	Intel Corp	15-41-61	27%	3%	16%	1Strongest											INTC
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	TXN	Texas Instruments Inc	95-41-61	57%	0%	-10%	9Weakest		TXN									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	LASR	nLIGHT Inc	99-41-61	3%	-4%	-19%	9Weakest		LASR									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	CAMT	Camtek Ltd	15-61-61	98%	2%	75%	1Strongest											CAMT
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	SMTC	Semtech Corp	95-61-61	7%	5%	-11%	9Weakest		SMTC									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	AMKR	Amkor Technology Inc	95-61-61	70%	5%	-9%	9Weakest		AMKR									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	TSEM	Tower Semiconductor Ltd	95-61-61	25%	-7%	-41%	9Weakest		TSEM									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	MRAM	Everspin Technologies	15-31-61	74%	6%	30%	1Strongest											MRAM
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	RMBS	Rambus Inc	11-31-61	89%	5%	17%	1Strongest											RMBS
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	MU	Micron Technology Inc	15-31-61	57%	1%	10%	1Strongest											MU
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	NVDA	NVIDIA Corporation	11-71-61	95%	5%	40%	1Strongest											NVDA
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	RUN	Sunrun Inc	95-71-61	4%	18%	-38%	9Weakest		RUN									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	CSIQ	Canadian Solar Inc	95-71-61	19%	5%	-37%	9Weakest		CSIQ									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	SPWR	SunPower Corp	95-71-61	5%	4%	-52%	9Weakest		SPWR									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	FSLR	First Solar Inc	95-71-61	59%	3%	-20%	9Weakest		FSLR									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	CEVA	Ceva Inc	95-71-61	1%	2%	-27%	9Weakest		CEVA									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	CRUS	Crusis Logic Inc	95-71-61	52%	2%	-15%	9Weakest		CRUS									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	SLAB	Silicon Laboratories Inc	95-71-61	33%	1%	-24%	9Weakest		SLAB									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	MX	MagnaChip Semiconductor Corp	95-71-61	10%	-3%	-14%	9Weakest		MX									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	UCTT	Ultra Clean Holdings	95-71-61	34%	-4%	-15%	9Weakest		UCTT									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	MAXN	Maxeon Solar Technologies Ltd	95-71-61	2%	8%	-59%	9Weakest		MAXN									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Specialized	INDI	Indie Semiconductor Inc	95-71-61	0%	-9%	-39%	9Weakest		INDI									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	ACMR	ACM Research Inc	15-55-61	38%	14%	58%	1Strongest											ACMR
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	ONTO	Onto Innovation Inc	15-55-61	100%	11%	44%	1Strongest											ONTO
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	KLAC	KLA Corporation	11-55-61	97%	9%	16%	1Strongest											KLAC
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	SNPS	Synopsys Inc	15-55-61	100%	8%	23%	1Strongest											SNPS
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	ENPH	Enphase Energy Inc	95-55-61	36%	7%	-30%	9Weakest		ENPH									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	MXL	Maxlinear Inc	95-55-61	21%	4%	-25%	9Weakest		MXL									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	AMBA	Ambric Inc	95-55-61	1%	4%	-28%	9Weakest		AMBA									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	ASYS	Amtech Systems Inc	95-55-61	35%	2%	-15%	9Weakest		ASYS									
1 week 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor Equipment & Materials	WOLF	Wolfped Inc	95-55-61	4%	1%	-42%	9Weakest		WOLF									



Strongest to Weakest stocks ratio is 21:40 (17% and 33% of total) 10/05/23 to 10/12/23.

Green Highlight: Strengthened

Red Highlight: Weakened

No Highlight: Unchanged

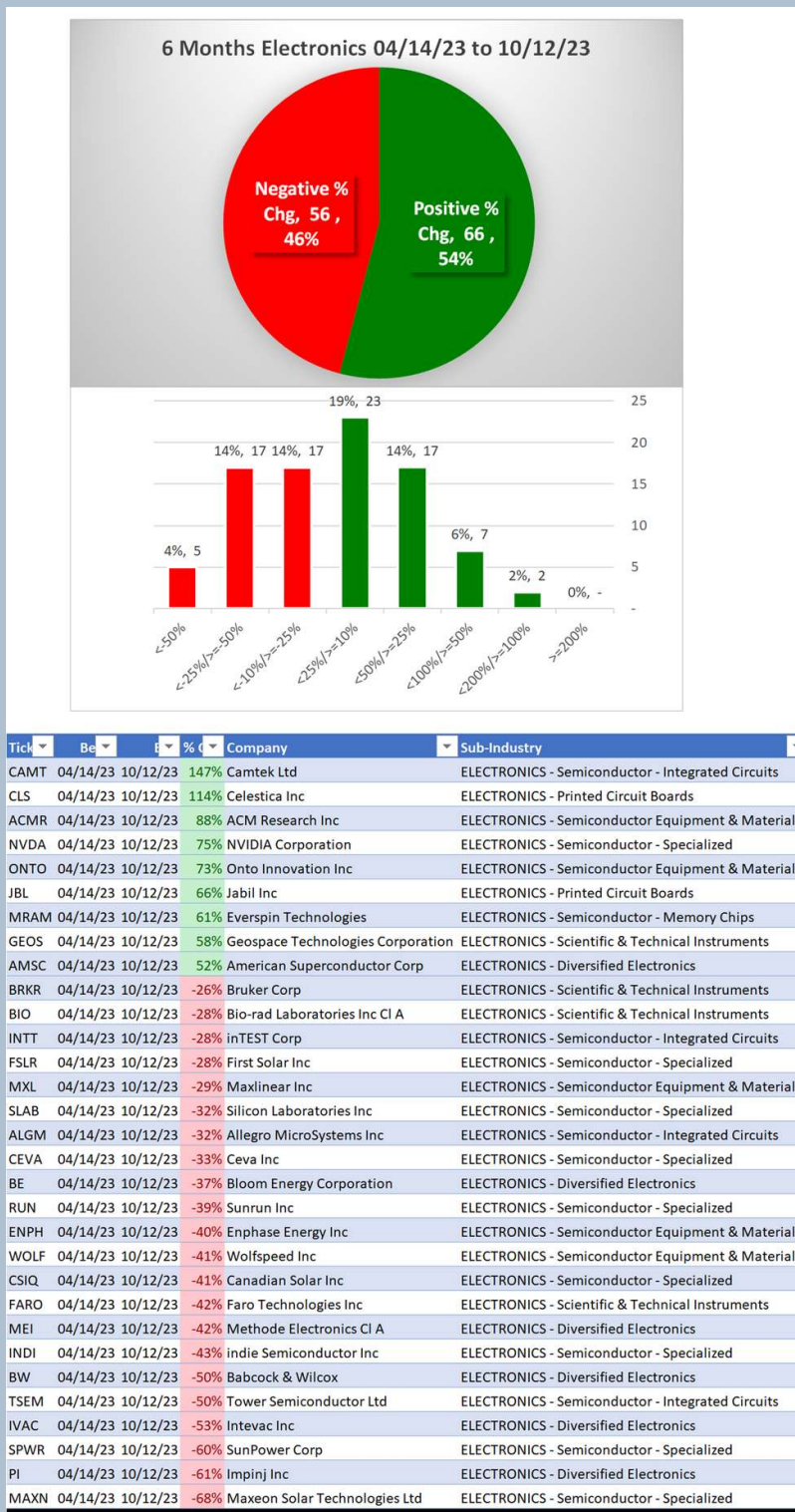
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October 12, 2023

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3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

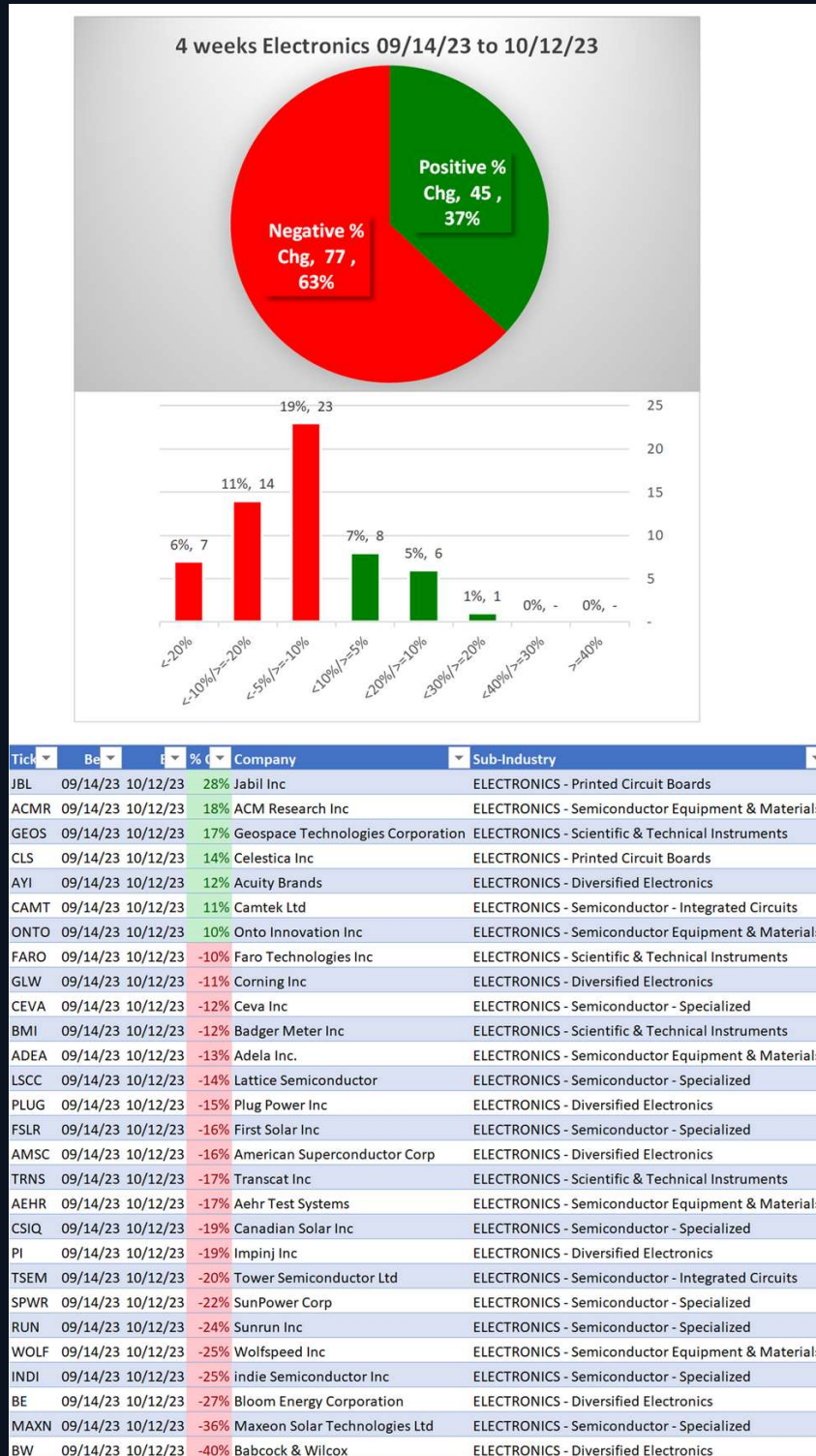
3A. Lookback 6 Months



9 stocks >+50% and 22 stocks <-25% (7% and 18% of total) 04/14/23 to 10/12/23.

3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

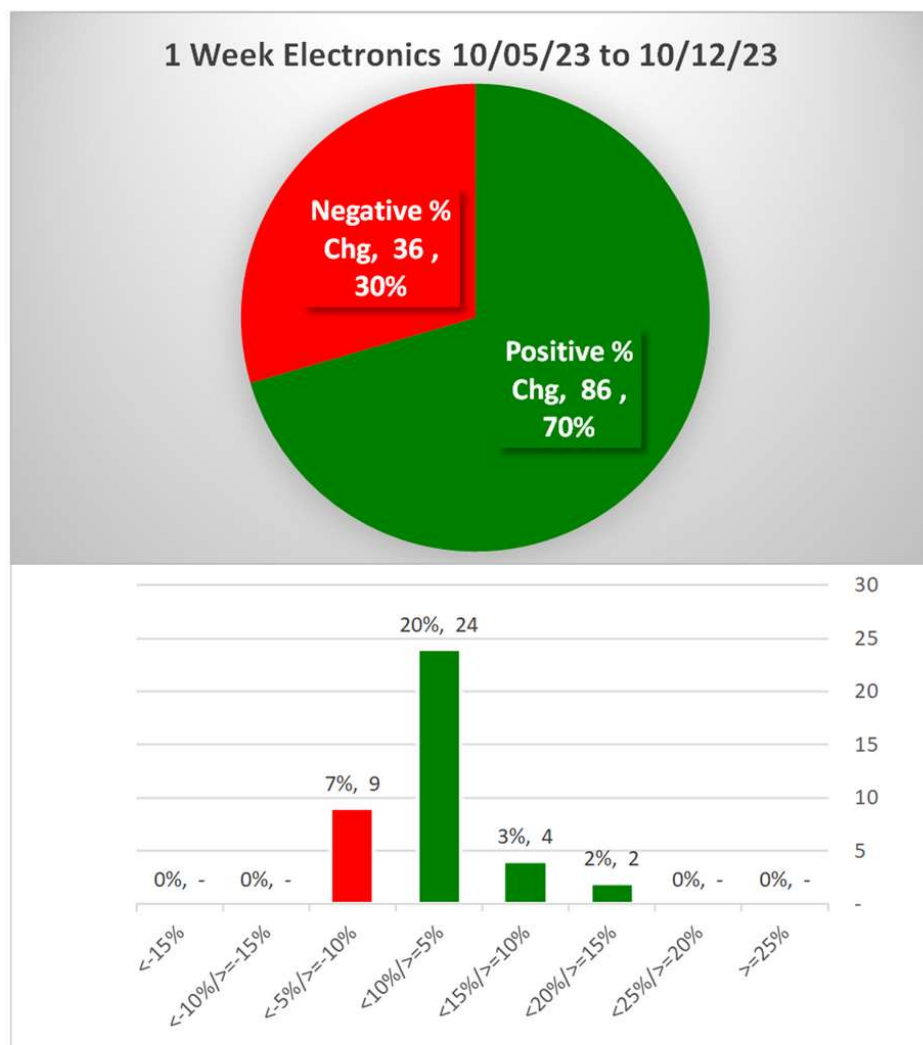
3B. Lookback 4 Weeks



7 stocks >+10% and 21 stocks <-10% (6% and 17% of total) 09/14/23 to 10/12/23.

3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

3C. Lookback 1 Week



Tick	Be	E	% C	Company	Sub-Industry
RUN	10/05/23	10/12/23	18%	Sunrun Inc	ELECTRONICS - Semiconductor - Specialized
PLUG	10/05/23	10/12/23	16%	Plug Power Inc	ELECTRONICS - Diversified Electronics
ACMR	10/05/23	10/12/23	14%	ACM Research Inc	ELECTRONICS - Semiconductor Equipment & Materials
GEOS	10/05/23	10/12/23	12%	Geospace Technologies Corporation	ELECTRONICS - Scientific & Technical Instruments
COHR	10/05/23	10/12/23	11%	Coherent Inc	ELECTRONICS - Scientific & Technical Instruments
ONTO	10/05/23	10/12/23	11%	Onto Innovation Inc	ELECTRONICS - Semiconductor Equipment & Materials

6 stocks >+10% and 0 stocks <-10% (5% and 0% of total) 10/05/23 to 10/12/23.