



# Industry Status: Electronics (inc. Semis/Chips)

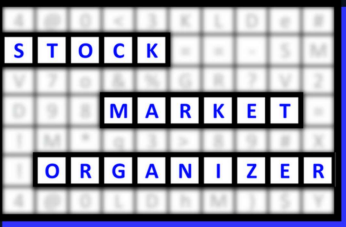
1 week 10/12/23 to 10/19/23								
9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
.	.	.	122 ELECTRNCS	.	.	.	.	.
.	.	<-Div Elect 24	<-Div Elect 24	.	.	.	.	.
.	.	.	.	7 Circuit Boards	.	.	.	.
.	.	.	20 Sci/Tech Inst	.	.	.	.	.
.	.	.	.	<-BroadLine 13	<-BroadLine 13	.	.	.
.	.	<-IC Semis 14	<-IC Semis 14	.	.	.	.	.
.	.	.	.	.	<-Mem Chips 4	<-Mem Chips 4	.	.
.	.	17 Spec Semis	.	.	.	.	.	.
.	.	.	<-Equip/Mtl 23	<-Equip/Mtl 23	.	.	.	.
.	.	.	.	.	.	.	.	.

October 19, 2023

Unchanged at **WEAK** strength rating  
(**6th** strongest of 9 levels)

previous move was **DOWN**

**NVDA Average/5th w/in Weaker/7th Specialized Semis**



# Table of Contents

1	1. INDUSTRY OVERVIEW	
		1A. Performance
		1B. Background
2	2. SUB-INDUSTRIES AND STOCK DETAIL	
		2A. Sub-Industries Overview
		2B. Sub-Industries 10-Week Strengthening Analysis
		2C. Stocks 1 Week Strongest and Weakest
5	3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)	
		3A. Lookback 3 Months
		3B. Lookback 4 weeks
		3C. Lookback 1 Week

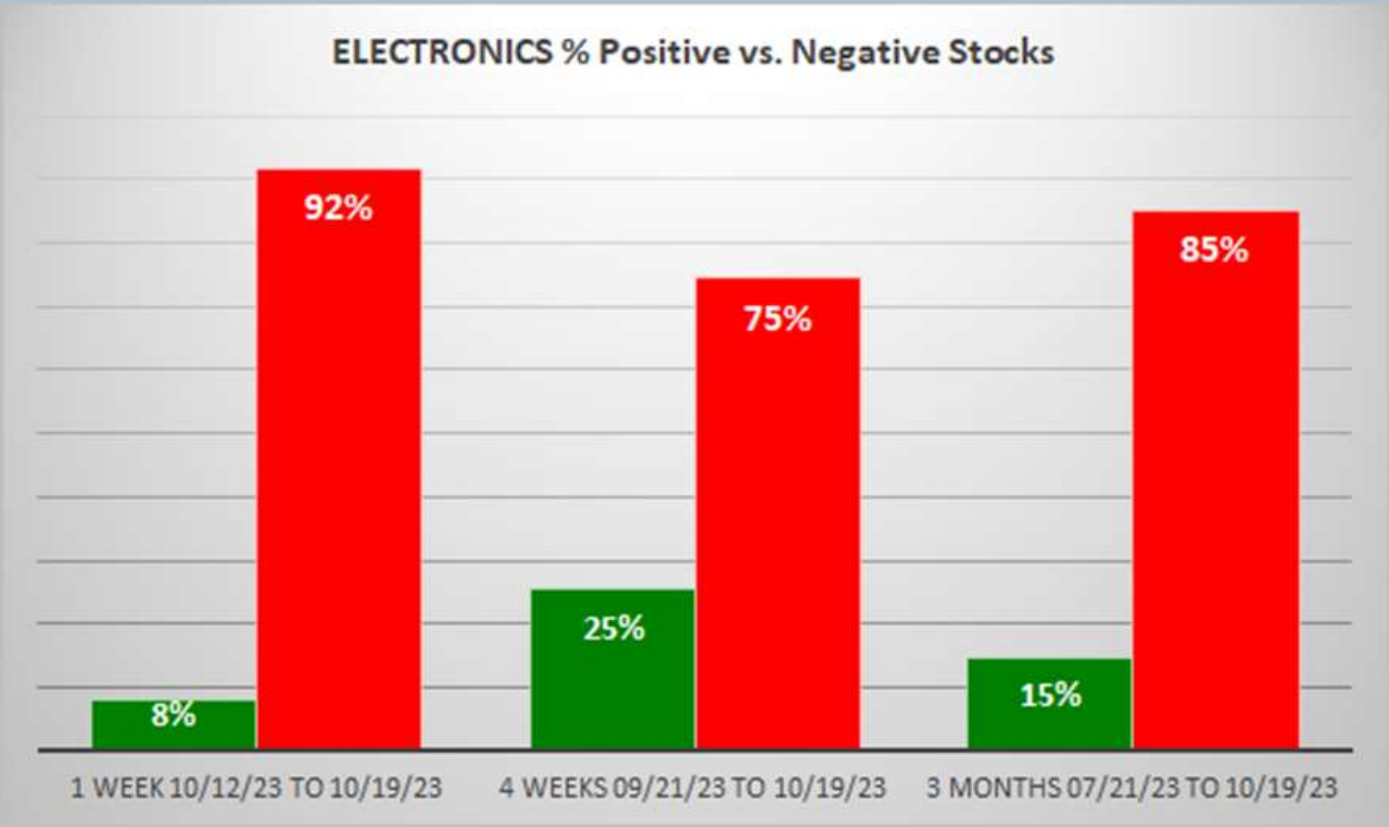
1. INDUSTRY OVERVIEW

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 - 10/12/23 to 10/19/23
.	.	.	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

WEAKENING 1 Week vs. Mid- and Longer-Term // 1 week positive/negative stocks ratio is LOWER than both 4 weeks and 3 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: 0/8 sub-industries

Weakened: 5/8 sub-industries

STRONGEST at Strong rating/4th strongest of 9 levels:

- \* Semiconductor – Memory Chips (4 stocks)

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

- \* Diversified Electronics (24 stocks)
- \* Semiconductor – Integrated Circuits (14 stocks)
- \* 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 10/12/23 to 10/19/23									
length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	WWeakst	WWeak	WWeaker	WWeak	WAug	WStrong	WStronger	WVStrong	WStrongest			
7 Days - 10/12/23 to 10/19/23	ELECTRONICS	Period 1 of 10 (Current)	122	-3%	-6%	5%	Weakened					122 ELECTRONICS							
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Diversified Electronics	Period 1 of 10 (Current)	24	-10%	-6%	5%	Weakened					<Div Elect 24	<Div Elect 24						
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Printed Circuit Boards	Period 1 of 10 (Current)	7	-8%	-5%	-2%	Weakened							7 Circuit Boards					
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Scientific & Technical Instruments	Period 1 of 10 (Current)	20	-10%	-4%	1%	Weakened							20 Sc/Tech Inst					
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Broad Line	Period 1 of 10 (Current)	13	-3%	-4%	-2%	Weakened							<Broadline 13					
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 1 of 10 (Current)	14	-3%	-7%	1%	Weakened					<IC Semis 14	<IC Semis 14						
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Memory Chips	Period 1 of 10 (Current)	4	-3%	13%	-3%	Weakened							<Mem Chips 4	<Mem Chips 4				
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Specialized	Period 1 of 10 (Current)	17	-10%	-7%	2%	Weakened					17 Spec Semis							
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor Equipment & Materials	Period 1 of 10 (Current)	23	-2%	-7%	3%	Weakened					<Equip/Mtl 23	<Equip/Mtl 23						
7 Days - 10/12/23 to 10/19/23		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	WWeakst	WWeak	WWeaker	WWeak	WAug	WStrong	WStronger	WVStrong	WStrongest			
7 Days - 10/12/23 to 10/19/23	ELECTRONICS	Period 1 of 10 (Current)	122	-3%	-6%	5%	Weakened					122 ELECTRONICS							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS	Period 2 of 10	122	-10%	-2%	18%	Strengthened					122 ELECTRONICS							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS	Period 3 of 10	122	-10%	-3%	6%	Unchanged					122 ELECTRONICS							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS	Period 4 of 10	122	-10%	2%	19%	Strengthened					122 ELECTRONICS							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS	Period 5 of 10	122	-10%	-5%	10%	Weakened					<ELECTRONICS 122	<ELECTRONICS 122						
7 Days - 09/07/23 to 09/14/23	ELECTRONICS	Period 6 of 10	122	-10%	0%	14%	Unchanged					122 ELECTRONICS							
7 Days - 08/31/23 to 09/07/23	ELECTRONICS	Period 7 of 10	122	-20%	-4%	18%	Weakened					122 ELECTRONICS							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS	Period 8 of 10	122	-10%	-5%	35%	Strengthened					122 ELECTRONICS							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS	Period 9 of 10	122	-10%	1%	17%	Weakened					122 ELECTRONICS							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS	Period 10 of 10	122	-10%	-5%	10%	Weakened					<ELECTRONICS 122	<ELECTRONICS 122						
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Diversified Electronics	Period 1 of 10 (Current)	24	-10%	-6%	5%	Weakened					<Div Elect 24	<Div Elect 24						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Diversified Electronics	Period 2 of 10	24	-10%	2%	16%	Strengthened					24 Div Elect							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Diversified Electronics	Period 3 of 10	24	-20%	-4%	5%	Unchanged					24 Div Elect							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Diversified Electronics	Period 4 of 10	24	-10%	1%	7%	Unchanged					24 Div Elect							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Diversified Electronics	Period 5 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 6 of 10	24	-3%	-1%	6%	Unchanged					24 Div Elect							
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Diversified Electronics	Period 7 of 10	24	-20%	-4%	1%	Weakened					24 Div Elect							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Diversified Electronics	Period 8 of 10	24	0%	-4%	11%	Strengthened					24 Div Elect	24 Div Elect						
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Diversified Electronics	Period 9 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 10 of 10	24	-10%	-4%	6%	Unchanged					24 Div Elect							
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Printed Circuit Boards	Period 1 of 10 (Current)	7	-8%	-5%	-2%	Weakened					7 Circuit Boards							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Printed Circuit Boards	Period 2 of 10	7	-8%	2%	8%	Strengthened					7 Circuit Boards							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Printed Circuit Boards	Period 3 of 10	7	-2%	1%	6%	Unchanged					7 Circuit Boards							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Printed Circuit Boards	Period 4 of 10	7	-1%	1%	19%	Strengthened					7 Circuit Boards							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Printed Circuit Boards	Period 5 of 10	7	-3%	-2%	3%	Unchanged					7 Circuit Boards							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Printed Circuit Boards	Period 6 of 10	7	-2%	2%	14%	Unchanged					7 Circuit Boards							
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Printed Circuit Boards	Period 7 of 10	7	-20%	-5%	0%	Weakened					<Circuit Boards 7	<Circuit Boards 7	<Circuit Boards 7					
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Printed Circuit Boards	Period 8 of 10	7	0%	-4%	10%	Strengthened					7 Circuit Boards							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Printed Circuit Boards	Period 9 of 10	7	-3%	6%	6%	Unchanged					7 Circuit Boards							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Printed Circuit Boards	Period 10 of 10	7	-1%	-1%	1%	Unchanged					<Circuit Boards 7	<Circuit Boards 7	<Circuit Boards 7					
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Scientific & Technical Instruments	Period 1 of 10 (Current)	20	-10%	-4%	1%	Weakened					20 Sc/Tech Inst							
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Scientific & Technical Instruments	Period 2 of 10	20	-10%	1%	12%	Strengthened					20 Sc/Tech Inst							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Scientific & Technical Instruments	Period 3 of 10	20	-10%	-3%	2%	Weakened					20 Sc/Tech Inst							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Scientific & Technical Instruments	Period 4 of 10	20	-20%	-2%	11%	Strengthened					20 Sc/Tech Inst							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Scientific & Technical Instruments	Period 5 of 10	20	-3%	-4%	10%	Weakened					20 Sc/Tech Inst							
7 Days - 09/07/23 to 09/14/23	ELECTRONICS - Scientific & Technical Instruments	Period 6 of 10	20	-3%	1%	7%	Unchanged					20 Sc/Tech Inst							
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Scientific & Technical Instruments	Period 7 of 10	20	-10%	-2%	18%	Weakened					20 Sc/Tech Inst 20	<Sc/Tech Inst 20						
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Scientific & Technical Instruments	Period 8 of 10	20	-3%	3%	9%	Strengthened					20 Sc/Tech Inst							
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Scientific & Technical Instruments	Period 9 of 10	20	-10%	0%	9%	Weakened					20 Sc/Tech Inst							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Scientific & Technical Instruments	Period 10 of 10	20	-10%	-4%	10%	Weakened					<Sc/Tech Inst 20	<Sc/Tech Inst 20						
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Broad Line	Period 1 of 10 (Current)	13	-3%	-4%	-2%	Weakened					<Broadline 13	<Broadline 13						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Broad Line	Period 2 of 10	13	-4%	3%	10%	Strengthened					13 Broadline							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Broad Line	Period 3 of 10	13	-4%	-2%	2%	Unchanged					13 Broadline							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Broad Line	Period 4 of 10	13	-10%	-3%	7%	Unchanged					13 Broadline							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Broad Line	Period 5 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 6 of 10	13	-4%	-2%	2%	Unchanged					13 Broadline							
7 Days - 08/31/23 to 09/07/23	ELECTRONICS - Semiconductor - Broad Line	Period 7 of 10	13	-10%	-3%	9%	Weakened					13 Broadline							
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Semiconductor - Broad Line	Period 8 of 10	13	-1%	-7%	14%	Strengthened					13 Broadline	13 Broadline						
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Semiconductor - Broad Line	Period 9 of 10	13	-2%	1%	11%	Weakened					<Broadline 13	<Broadline 13						
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Semiconductor - Broad Line	Period 10 of 10	13	-10%	-5%	1%	Weakened					<Broadline 13	<Broadline 13	<Broadline 13					
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 1 of 10 (Current)	14	-10%	-7%	1%	Weakened					<IC Semis 14	<IC Semis 14						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 2 of 10	14	-10%	-2%	6%	Strengthened					<IC Semis 14	<IC Semis 14						
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 3 of 10	14	-10%	-3%	1%	Unchanged					14 IC Semis							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 4 of 10	14	-2%	3%	17%	Unchanged					14 IC Semis							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 5 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 6 of 10	14	-10%	-2%	2%	Unchanged					14 IC Semis							
7 Days - 09/01/23 to 09/07/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 7 of 10	14	-10%	-4%	-2%	Weakened					<IC Semis 14	<IC Semis 14						
7 Days - 08/24/23 to 08/31/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 8 of 10	14	1%	5%	16%	Strengthened					14 IC Semis	14 IC Semis						
7 Days - 08/17/23 to 08/24/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 9 of 10	14	17%	2%	17%	Unchanged					14 IC Semis							
7 Days - 08/10/23 to 08/17/23	ELECTRONICS - Semiconductor - Integrated Circuits	Period 10 of 10	14	-10%	-6%	-1%	Weakened					<IC Semis 14	<IC Semis 14						
7 Days - 10/12/23 to 10/19/23	ELECTRONICS - Semiconductor - Memory Chips	Period 1 of 10 (Current)	4	-3%	13%	-3%	Weakened					<Mem Chips 4	<Mem Chips 4						
7 Days - 10/05/23 to 10/12/23	ELECTRONICS - Semiconductor - Memory Chips	Period 2 of 10	4	-3%	6%	6%	Strengthened					4 Mem Chips							
7 Days - 09/28/23 to 10/05/23	ELECTRONICS - Semiconductor - Memory Chips	Period 3 of 10	4	-2%	2%	6%	Strengthened					4 Mem Chips							
7 Days - 09/21/23 to 09/28/23	ELECTRONICS - Semiconductor - Memory Chips	Period 4 of 10	4	-4%	4%	8%	Strengthened					4 Mem Chips							
7 Days - 09/14/23 to 09/21/23	ELECTRONICS - Semiconductor - Memory Chips	Period 5 of 10	4	-10%	-7%	-5%	Weakened					<Mem Chips 4	<Mem Chips 4						

## 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 10/12/23 to 10/19/23									
Sub-Industry	Ticker	Company	ID1	ID2	% Chg	ID3	Status	9Weakest	8Weak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest			
ELECTRONICS - Diversified Electronics	WIRE	Encore Wire Corp	15-79-69	84%	-7%	1%	1Strongest												WIRE
ELECTRONICS - Diversified Electronics	BE	Bloom Energy Corporation	95-79-69	23%	5%	-32%	9Weakest												
ELECTRONICS - Diversified Electronics	PI	Impinj Inc	95-79-69	30%	-2%	-47%	9Weakest												
ELECTRONICS - Diversified Electronics	GLW	Corning Inc	95-79-69	34%	-2%	-17%	9Weakest												
ELECTRONICS - Diversified Electronics	CTS	Cts Corp	95-79-69	68%	-3%	-9%	9Weakest	<---CTS	<---CTS	<---CTS									
ELECTRONICS - Diversified Electronics	MEI	Methode Electronics Cl A	95-79-69	8%	-4%	-37%	9Weakest												
ELECTRONICS - Diversified Electronics	IVAC	Intevac Inc	95-79-69	4%	-5%	-35%	9Weakest	<---IVAC	<---IVAC	<---IVAC									
ELECTRONICS - Diversified Electronics	MVIS	Microvision Inc	95-79-69	7%	-5%	-33%	9Weakest												
ELECTRONICS - Diversified Electronics	SANM	Sanmina-Sci Corporation	95-79-69	65%	-6%	-10%	9Weakest												
ELECTRONICS - Diversified Electronics	BW	Babcock & Wilcox	95-79-69	21%	-1%	-50%	9Weakest												
ELECTRONICS - Diversified Electronics	PLUG	Plug Power Inc	95-79-69	7%	-11%	-39%	9Weakest												
ELECTRONICS - Printed Circuit Boards	CLS	Celestica Inc	15-59-69	95%	-2%	63%	1Strongest												CLS
ELECTRONICS - Printed Circuit Boards	JBL	Jabil Inc	15-59-69	93%	-6%	36%	1Strongest												JBL
ELECTRONICS - Printed Circuit Boards	PLXS	Plexus Corp	95-59-69	70%	-4%	-5%	9Weakest												
ELECTRONICS - Printed Circuit Boards	TTMI	Tim Technologies Inc	95-59-69	41%	-4%	-11%	9Weakest												
ELECTRONICS - Printed Circuit Boards	BHE	Benchmark Electronics Inc	95-59-69	39%	-4%	-5%	9Weakest	<---BHE	<---BHE										
ELECTRONICS - Scientific & Technical Instruments	GEOS	Geospace Technologies Corporation	15-69-69	61%	-10%	50%	1Strongest												GEOS
ELECTRONICS - Scientific & Technical Instruments	WAT	Waters Corp	95-69-69	34%	1%	-13%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	HURC	Hurco Companies Inc	95-69-69	1%	-1%	-12%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	BRKR	Brucker Corp	95-69-69	47%	-3%	-16%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	VPG	Vishay Precision Group	95-69-69	51%	-4%	-16%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	KEYS	Keysight Technologies Inc	95-69-69	40%	-4%	-20%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	ST	Sensata Technologies Holding N.V.	95-69-69	30%	-4%	-18%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	COHR	Coherent Inc	95-69-69	14%	-6%	-18%	9Weakest	<---COHR	<---COHR	<---COHR									
ELECTRONICS - Scientific & Technical Instruments	CGNX	Cognex Corp	95-69-69	0%	-7%	-26%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	FARO	Faro Technologies Inc	95-69-69	3%	-7%	-34%	9Weakest												
ELECTRONICS - Scientific & Technical Instruments	BIO	Bio-rad Laboratories Inc Cl A	95-69-69	14%	-9%	-24%	9Weakest												
ELECTRONICS - Semiconductor - Broad Line	ASX	ASE Industrial Holding Co. Ltd	15-59-69	71%	-2%	2%	1Strongest												ASX
ELECTRONICS - Semiconductor - Broad Line	FORM	Formfactor Inc	11-59-69	55%	-3%	9%	1Strongest												FORM-->
ELECTRONICS - Semiconductor - Broad Line	INTC	Intel Corp	15-59-69	25%	-3%	12%	1Strongest												INTC
ELECTRONICS - Semiconductor - Broad Line	AVGO	Broadcom Inc	15-59-69	93%	-4%	18%	1Strongest												AVGO
ELECTRONICS - Semiconductor - Broad Line	TXN	Texas Instruments Inc	95-59-69	53%	-3%	-12%	9Weakest												
ELECTRONICS - Semiconductor - Broad Line	LASR	nLIGHT Inc	95-59-69	2%	-4%	-23%	9Weakest												
ELECTRONICS - Semiconductor - Integrated Circuits	TSEM	Tower Semiconductor Ltd	95-79-69	24%	-1%	-41%	9Weakest												
ELECTRONICS - Semiconductor - Integrated Circuits	IPGP	Ipg Photonics Corp	95-79-69	5%	-2%	-20%	9Weakest	<---IPGP	<---IPGP										
ELECTRONICS - Semiconductor - Integrated Circuits	AMKR	Amkor Technology Inc	95-79-69	66%	-4%	-13%	9Weakest												
ELECTRONICS - Semiconductor - Integrated Circuits	DIOD	Diodes Inc	95-79-69	55%	-6%	-13%	9Weakest	<---DIOD	<---DIOD	<---DIOD	<---DIOD								
ELECTRONICS - Semiconductor - Integrated Circuits	SMTC	Semtech Corp	95-79-69	0%	-3%	-39%	9Weakest												
ELECTRONICS - Semiconductor - Memory Chips	MRAM	Everspin Technologies	15-49-69	71%	-3%	25%	1Strongest												MRAM
ELECTRONICS - Semiconductor - Specialized	INDI	Indie Semiconductor Inc	95-79-69	3%	2%	-38%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	CEVA	Ceva Inc	95-79-69	1%	-1%	-28%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	SPWR	SunPower Corp	95-79-69	5%	-2%	-51%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	MX	MagnaChip Semiconductor Corp	95-79-69	9%	-3%	-17%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	CSIQ	Canadian Solar Inc	95-79-69	17%	-4%	-39%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	CRUS	Cirrus Logic Inc	95-79-69	44%	-6%	-20%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	UCTT	Ultra Clean Holdings	95-79-69	29%	-10%	-23%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	RUN	Sunrun Inc	95-79-69	3%	-10%	-44%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	MAXN	Maxeon Solar Technologies Ltd	95-79-69	0%	-11%	-63%	9Weakest												
ELECTRONICS - Semiconductor - Specialized	SLAB	Silicon Laboratories Inc	95-79-69	23%	-12%	-32%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	SNPS	Synopsys Inc	15-69-69	97%	-3%	16%	1Strongest												SNPS
ELECTRONICS - Semiconductor Equipment & Materials	ACMR	ACM Research Inc	15-69-69	33%	-12%	37%	1Strongest												ACMR
ELECTRONICS - Semiconductor Equipment & Materials	WOLF	WolfSpeed Inc	95-69-69	4%	2%	-40%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	ASYS	Amtech Systems Inc	95-69-69	35%	1%	-14%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	ADEA	Adela Inc	95-69-69	21%	-2%	-15%	9Weakest	<---ADEA	<---ADEA										
ELECTRONICS - Semiconductor Equipment & Materials	ENPH	Enphase Energy Inc	95-69-69	33%	-7%	-34%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	AMBA	Amarella Inc	95-69-69	8%	-7%	-33%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	MXL	Maxlinear Inc	95-69-69	18%	-8%	-31%	9Weakest												
ELECTRONICS - Semiconductor Equipment & Materials	ICHR	Ichor Holdings Ltd	95-69-69	25%	-12%	-18%	9Weakest	<---ICHR	<---ICHR	<---ICHR									



Strongest to Weakest stocks ratio is 11:47 (9% and 39% of total) 10/12/23 to 10/19/23.

Green Highlight: Strengthened

Red Highlight: Weakened

No Highlight: Unchanged

4

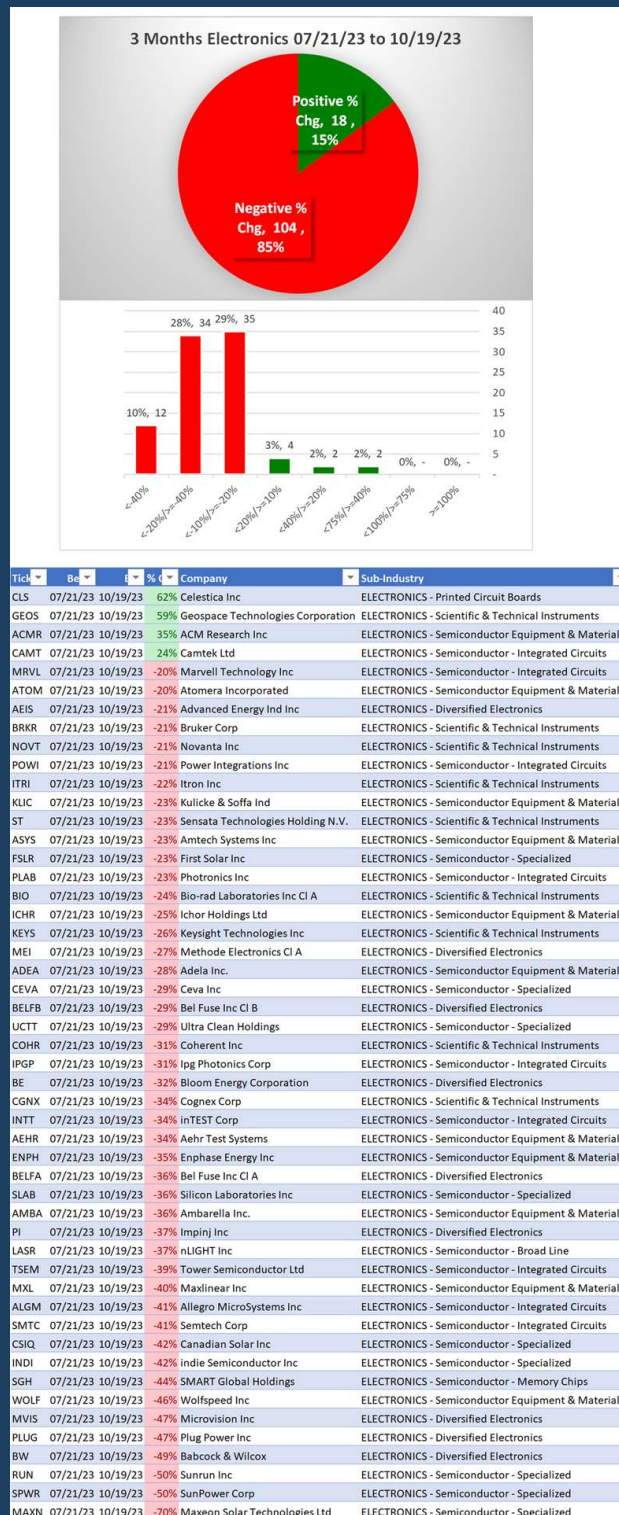
October 19, 2023

For educational purposes only. Not a stock or investment recommendation.



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

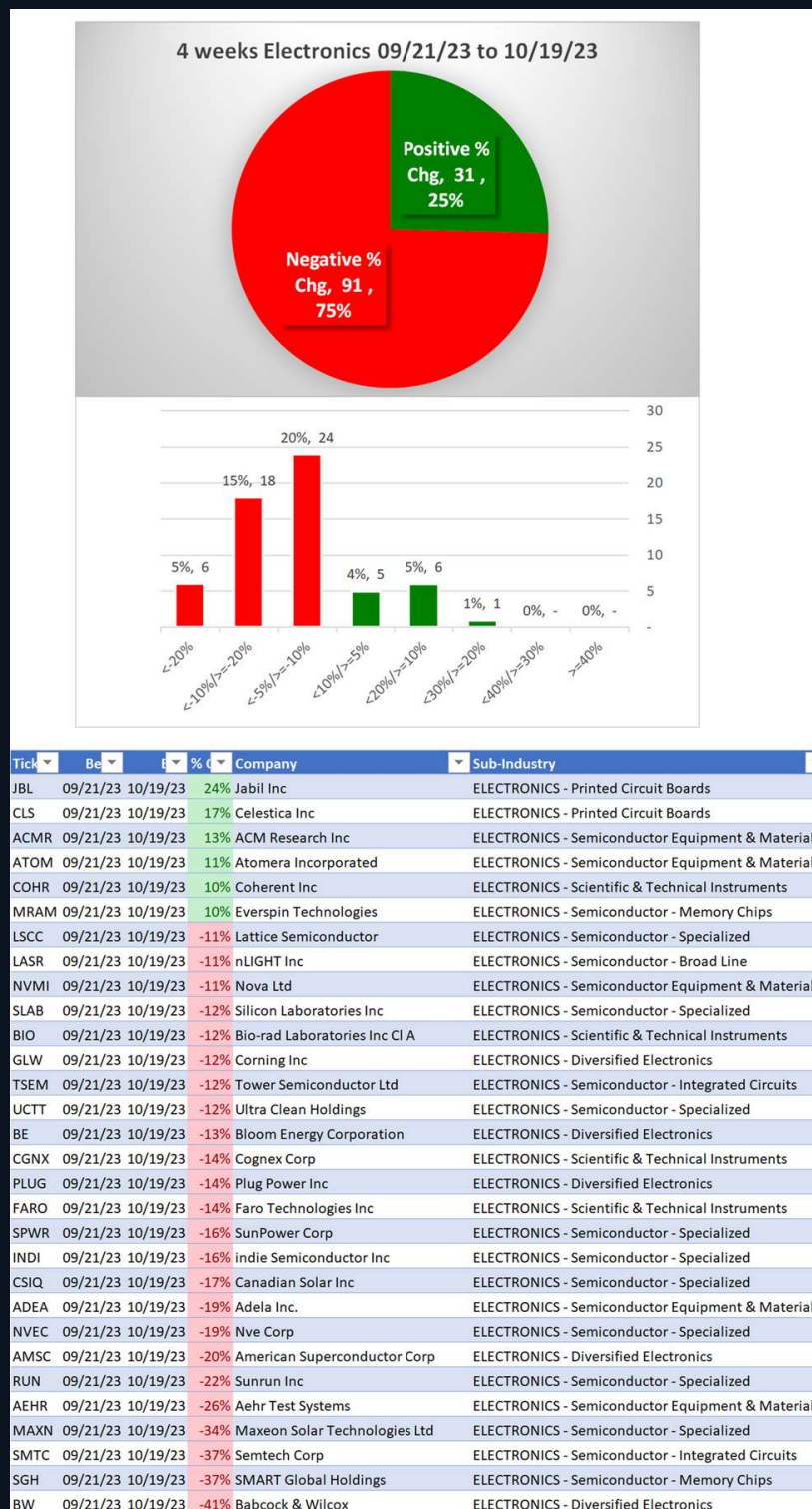
#### 3A. Lookback 3 Months



4 stocks >+20% and 46 stocks <-20% (3% and 38% of total) 07/21/23 to 10/19/23.

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

#### 3B. Lookback 4 Weeks

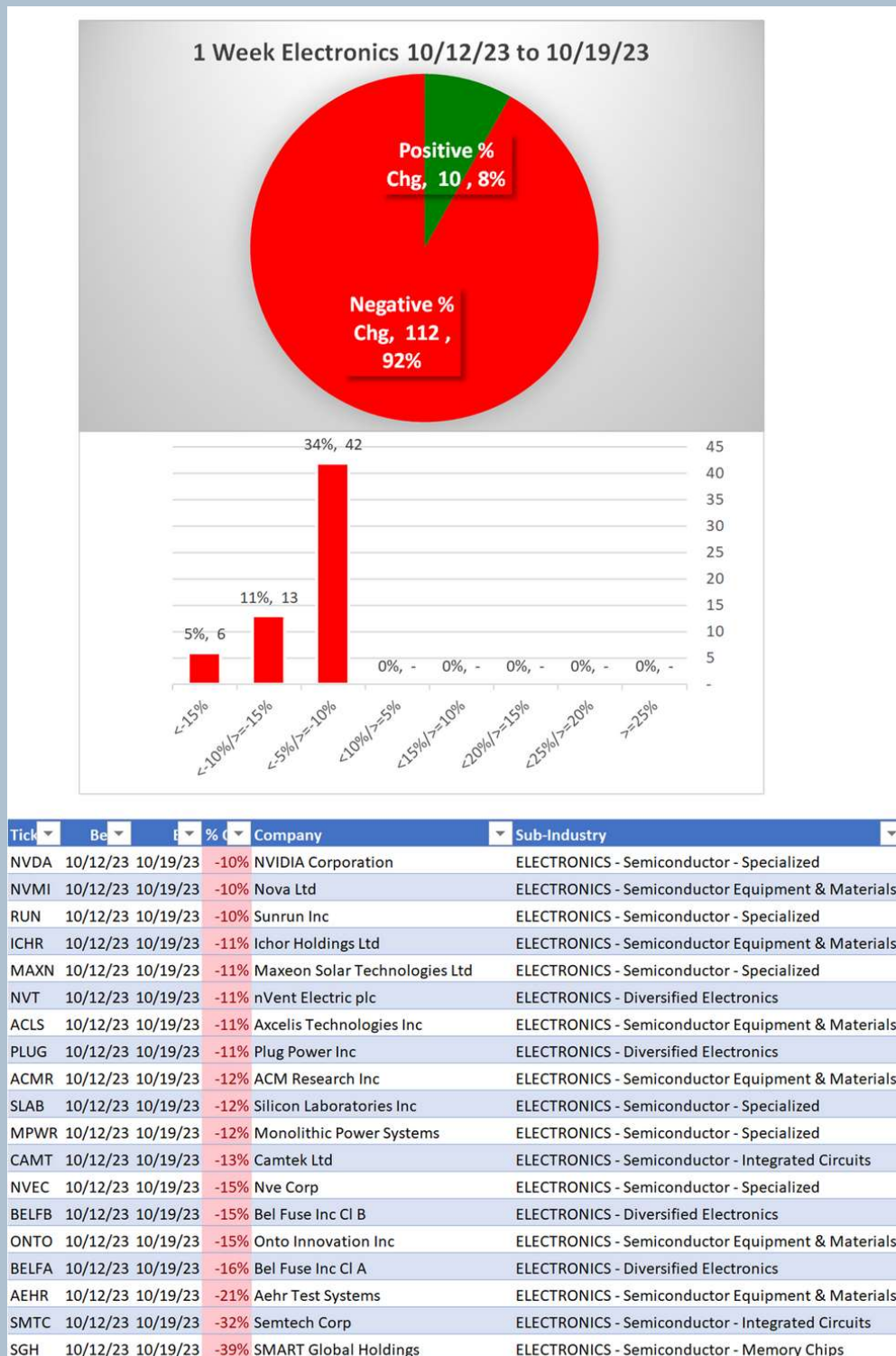


7 stocks >+10% and 24 stocks <-10% (6% and 20% of total) 09/21/23 to 10/19/23.



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

#### 3C. Lookback 1 Week



0 stocks >+10% and 19 stocks <-10% (0% and 16% of total) 10/12/23 to 10/19/23.