

## EMS Stock Highlights

- Large Index has decreased 2.3% from last quarter
- Mid Index has increased 8.3% from last quarter
- Small Index has increased 6.2% from last quarter
- Overall EMS Index has decreased 0.5% from last quarter

# **EMS Stock Index Underperforms S&P**

### **About the EMS Stock Index**

Similar to the S&P 500 Index, the EMS Stock Index is a market cap weighted composite index. The index is prepared by first selecting a base period, in this case, Q1 2003, and totaling the market caps of the companies for each tier in this period. This period and total market cap is set to a base index, in this case, 1,000. Next,

Winner's Circle		Tier
Sanmina Corp.	13.6%	I
Plexus Corp.	13.2%	П
IEC Electronics Corp.	38.0%	Ш
Worst Performers		Tier
Jabil Circuit Inc.	(17.3%)	I
Jabil Circuit Inc. Sparton Corp.	(17.3%) (10.0%)	<u> </u>
		I II III

for each tier, the current period's total market cap is calculated, divided by the base period's total market cap and then multiplied by the base index (1,000). The result is the index value used for plotting in the graph on the next page.

Large Tier	5.1%
Mid Tier	6.2%
Small Tier	3.3%
YOY LTM Revenue Growth	
Large Tier	0.6%

 Large Tier
 0.6%

 Mid Tier
 8.3%

 Small Tier
 7.2%

Source: Capital IQ as of 3/31/16 Note: Average for each sector, YOY stands for year-over-year

**EBITDA Margins** 

**EMS Size Guide** 

(Revenue Dollars)

performance

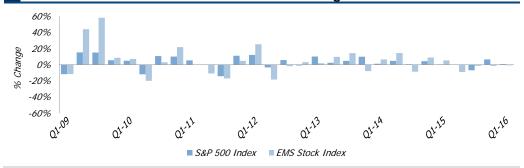
Large (Tier I)
Greater than \$3 billion

Mid (Tier II) \$300 million to \$3 billion Small (Tier III)
Below \$300 million

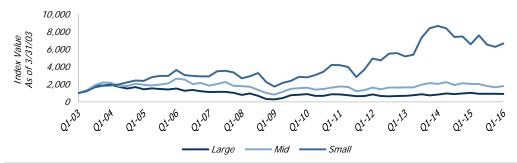
Note: Companies are included in a given tier by falling within the threshold for two consecutive quarters



## **S&P Index vs. EMS Stock Index Quarter Change**



## **EMS Stock Index by Size**



Note: See the previous page for specific company classifications

## **Enterprise Value** (1) / **EBITDA**



(1) Enterprise Value is calculated as Market Cap on March 31, 2016 plus debt, preferred equity and minority interest less

Note: See the previous page for specific company classifications

### **EMS Stock Index Data**

	Avg. Cash Conversion						Market		
	Stock	LTM Sales		Cycle	Current		EV/	Cap	Net Debt
	Price	(\$ in mm)	EPS	(days)	Ratio	EBITDA	Sales	(\$ in mm)	(\$ in mm)
Large									
Celestica Inc.	\$10.92	\$5,639	\$0.42	44.6	1.87	5.4x	0.2x	\$1,537	(\$266)
Flextronics International Ltd.	12.06	24,598	0.91	25.5	1.25	6.8x	0.3x	6,616	1,322
Jabil Circuit Inc.	19.27	18,651	1.90	9.0	1.04	4.1x	0.3x	3,672	1,466
Sanmina Corporation	23.38	6,238	4.53	47.1	1.74	6.3x	0.3x	1,805	115
Mid									
Benchmark Electronics Inc.	\$23.05	\$2,541	\$1.83	93.4	4.17	5.9x	0.4x	\$1,148	(\$231)
Key Tronic Corp.	7.15	476	0.60	80.8	2.09	7.3x	0.2x	77	41
Kimball Electronics, Inc.	11.17	816	0.80	59.6	2.23	4.9x	0.3x	323	(57)
Plexus Corp.	39.52	2,606	2.49	80.5	2.50	7.8x	0.5x	1,319	(92)
Sparton Corp.	17.99	430	1.20	89.1	2.94	8.0x	0.7x	176	129
Small									
IEC Electronics Corp.	\$4.50	\$131	(\$0.77)	92.3	1.86	13.1x	0.6x	\$46	\$30
Nortech Systems Inc.	3.85	115	(0.21)	86.8	2.05	13.7x	0.2x	11	15
SigmaTron International Inc.	6.21	253	0.52	80.2	2.04	5.3x	0.2x	26	27
SMTC Corporation	1.50	221	(0.00)	45.2	1.27	4.8x	0.2x	25	10

Source: Capital IQ as of March 31, 2016; stock price adjusted for dividends and splits

Note: See the previous page for specific company classifications



## **Global Industry Groups**

Aerospace & Defense

**Automotive & Truck** 

**Building & Infrastructure** 

**Business Services** 

Chemicals

Consumer

Distribution

**Electronics** 

**Energy & Power** 

**Financial Institutions** 

Food & Beverage

Healthcare

**Industrials** 

**Packaging** 

Technology & Media

### **Global Locations**

**Amsterdam** 

Beijing

Chicago

Frankfurt

London

Los Angeles

Madrid

Milan

Moscow

Mumbai

**New York** 

**Paris** 

São Paulo

Tokyo

Vienna

Zurich

## **Advisory Services**

Mergers & Acquisitions

**Debt Advisory** 

Valuations & Opinions

**Special Situations** 

## **About Lincoln International**

Lincoln International specializes in merger and acquisition advisory services, debt advisory services, private capital raising and restructuring advice on mid-market transactions. Lincoln International also provides fairness opinions, valuations and pension advisory services on a wide range of transaction sizes. With sixteen offices in the Americas, Asia and Europe, Lincoln International has strong local knowledge and contacts in key global economies. The firm provides clients with senior-level attention, in-depth industry expertise and integrated resources. By being focused and independent, Lincoln International serves its clients without conflicts of interest. More information about Lincoln International can be obtained at www.lincolninternational.com.

## Lincoln's Global Electronics Group

### **North America**

#### Jack Calderon

Managing Director (Chicago)

+1-312-580-6289

jcalderon@lincolninternational.com

#### **Chaim Lubin**

Director (Chicago)

+1-312-506-2753

clubin@lincolninternational.com

### Asia

#### Tetsuya Fujii

Managing Director and President - Japan (Tokyo) +813-5549-7680

tfujii@lincolninternational.com

#### T.N. Giridhar

Managing Director and President - India (Mumbai)

+91-22-4067-0300

tngiridhar@lincolninternational.com

#### Joe Chang

Managing Director and CEO - China (Beijing)

+86-10-6468-6458

jchang@lincolninternational.com

## South America

#### James Sinclair

Managing Director and President - Brazil (São Paulo)

+55-11-2166-8835

jsinclair@lincolninternational.com

## Europe

#### Mark Barrow

Managing Director (London)

+44-0-20-7022-9880

mbarrow@lincolninternational.com

#### Øyvind Bjordal

Managing Director (Zurich)

+41-79-402-80-40

o.bjordal@lincolninternational.ch

### Géraud Estrangin

Managing Director (Paris)

+33-0-1-53-53-18-18

g.estrangin@lincolninternational.fr

#### **Richard Floto**

Managing Director (Frankfurt)

+49-69-97-105-400

r.floto@lincolninternational.de

### Eric Wiis

Managing Director (Amsterdam)

+31-20-7670-310

e.wijs@lincolninternational.nl

#### Rommel Franco

Director (Madrid)

+34-91-129-4996

r.franco@lincolninternational.es

## Disclaimer

This document contains significant assumptions and has been prepared based on publicly available information, or additional information supplied by the owners and/or managers of the company(ies) described in this document, which has not been independently verified. Accuracy and completeness of the information provided has been presumed and, therefore, its content may or may not be accurate and complete. No representation or warranty, either express or implied, is provided in relation to the accuracy, completeness or reliability of the information or statements made in this document and Lincoln International, its affiliates, directors, officers, employees and representatives expressly disclaim any and all liability with regards thereto. This document has been prepared for informational purposes only, is not a research report (as such term is defined by applicable law and regulations) and is not to be relied on by any person for any purpose. In addition, it is not to be construed as an offer to buy or sell or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular trading strategy. No part of this material may be copied or duplicated in any form, or redistributed, without the prior written consent of Lincoln International.

