



THE 27TH ANNUAL
COMPONENTS
FOR MILITARY & SPACE ELECTRONICS
APRIL 30 - MAY 2 | 2024
FOUR POINTS BY SHERATON (LAX)
LOS ANGELES, CA

“The Numbers Crunch” Counterfeit Reporting Trends 2023



- Richard Smith
- ERAI, Inc.
- rsmith@erai.com
- 239-261-6268

Purpose

Using data collected over the past 20+ years, ERAI has been tracking counterfeit electronic components. Today's presentation will show details of 2023 along with trends and comparisons.

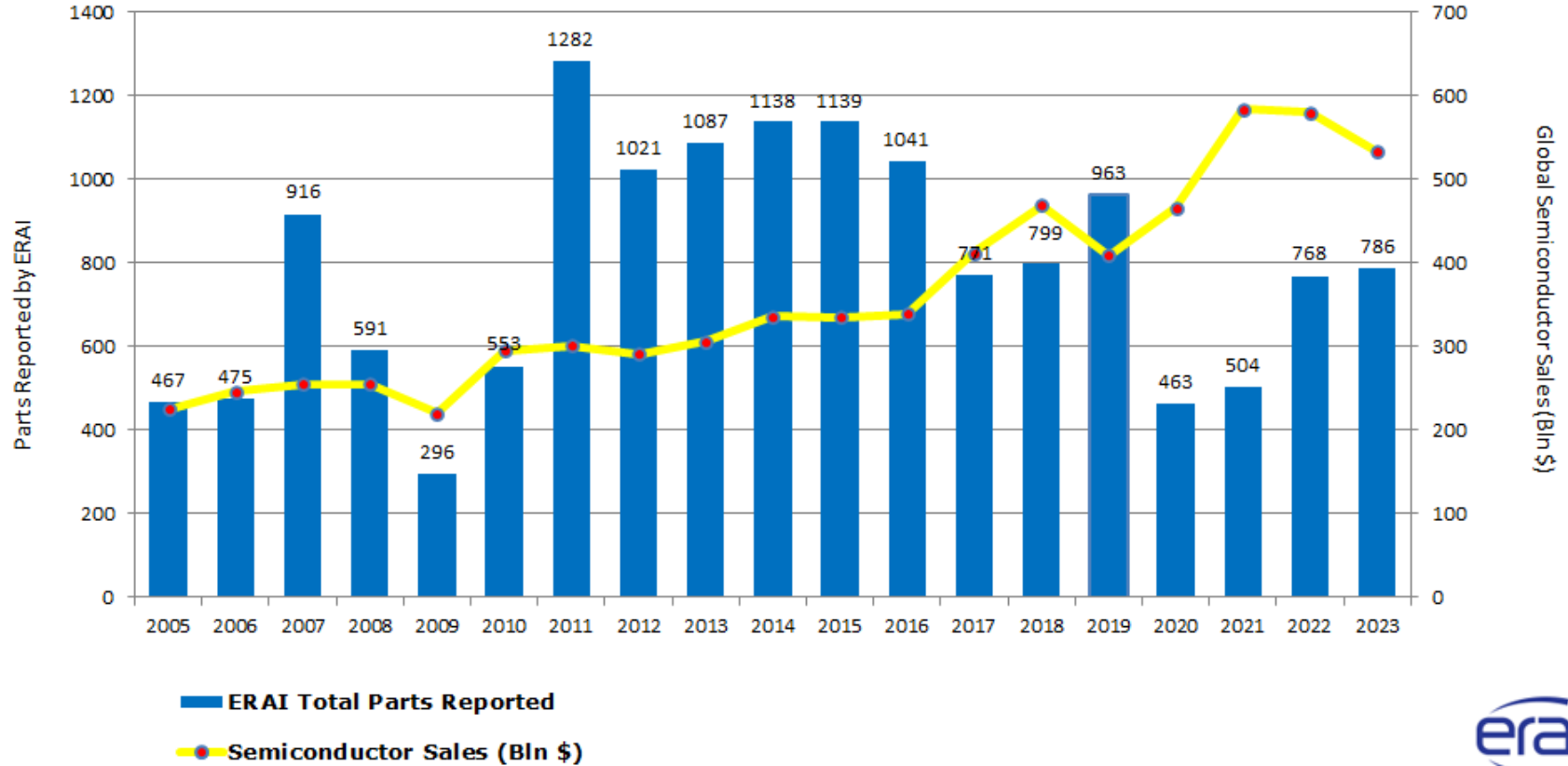
Outline

- Introduction
- Slides with 2023 Data
- Conclusions
- Questions

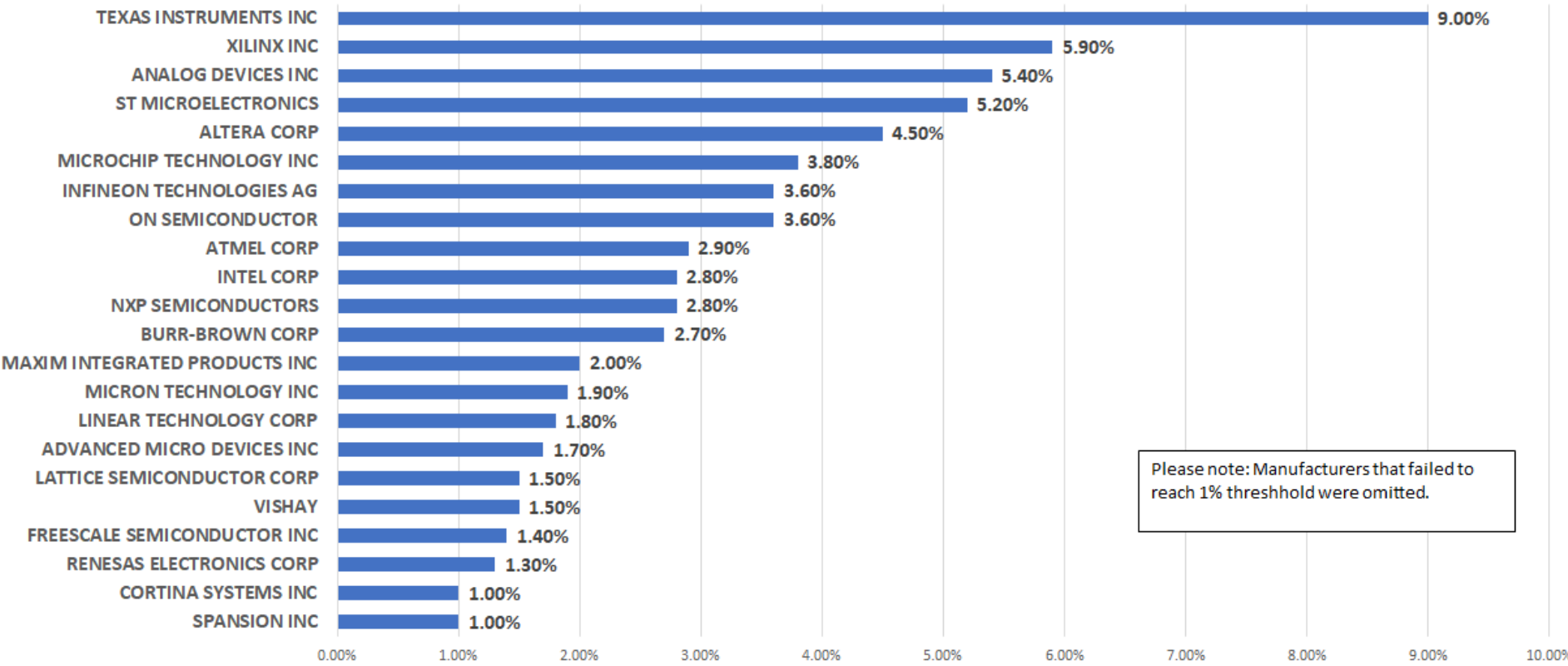
Introduction

- The Richard Smith and ERAI Story

Reported Parts vs. Global Semiconductor Sales 2005-2023

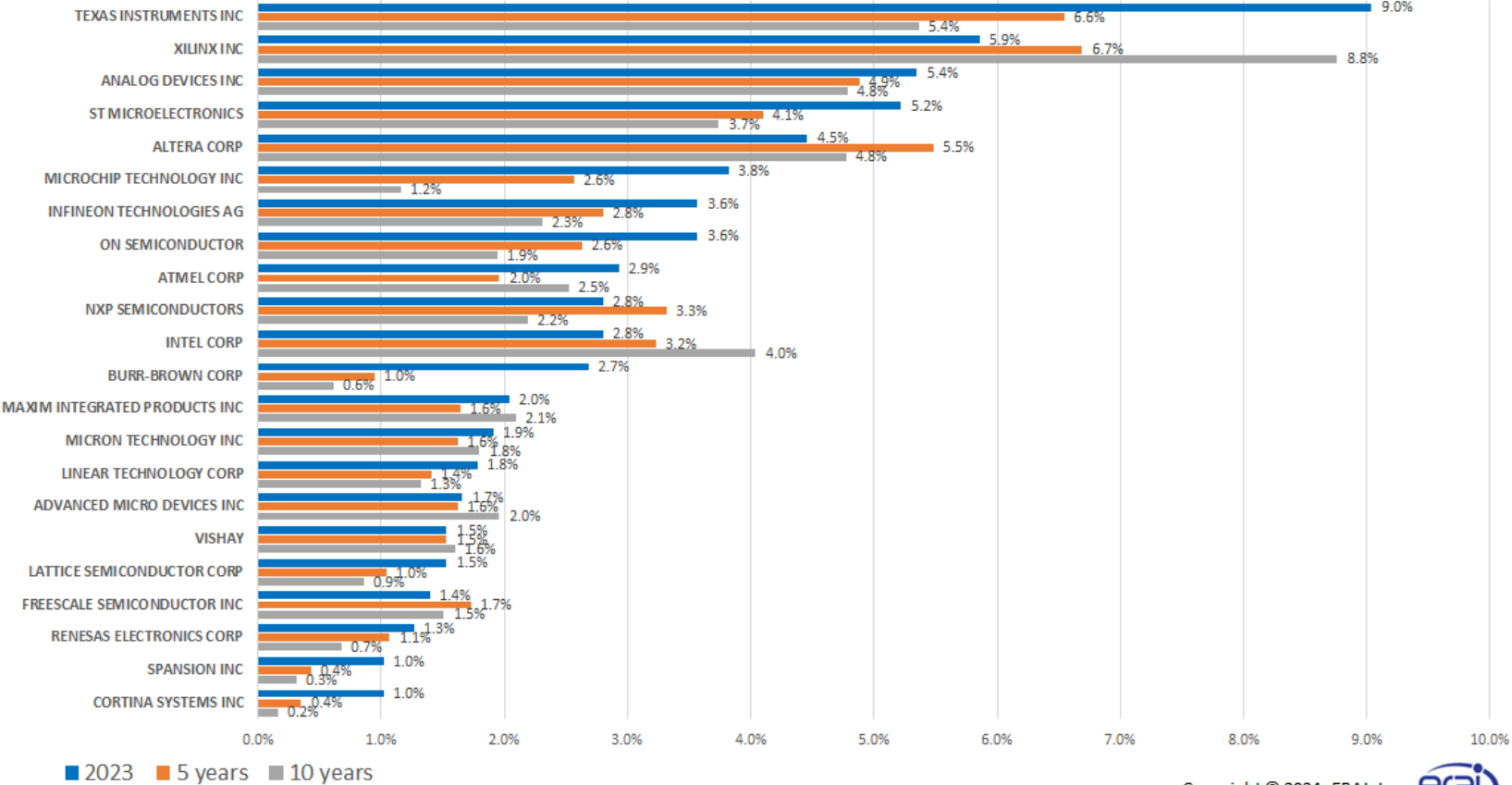


Top Manufacturer's Brands Reported in 2023

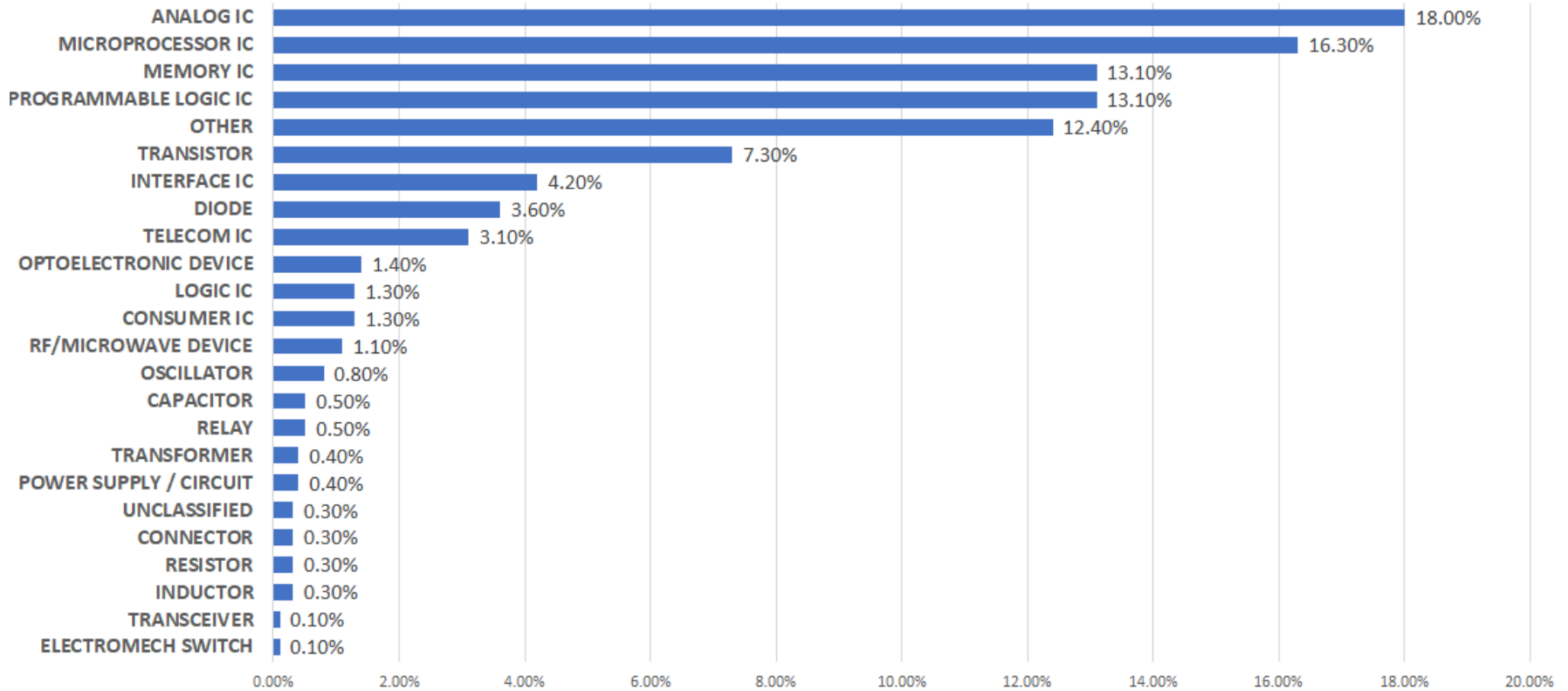


Please note: Manufacturers that failed to reach 1% threshold were omitted.

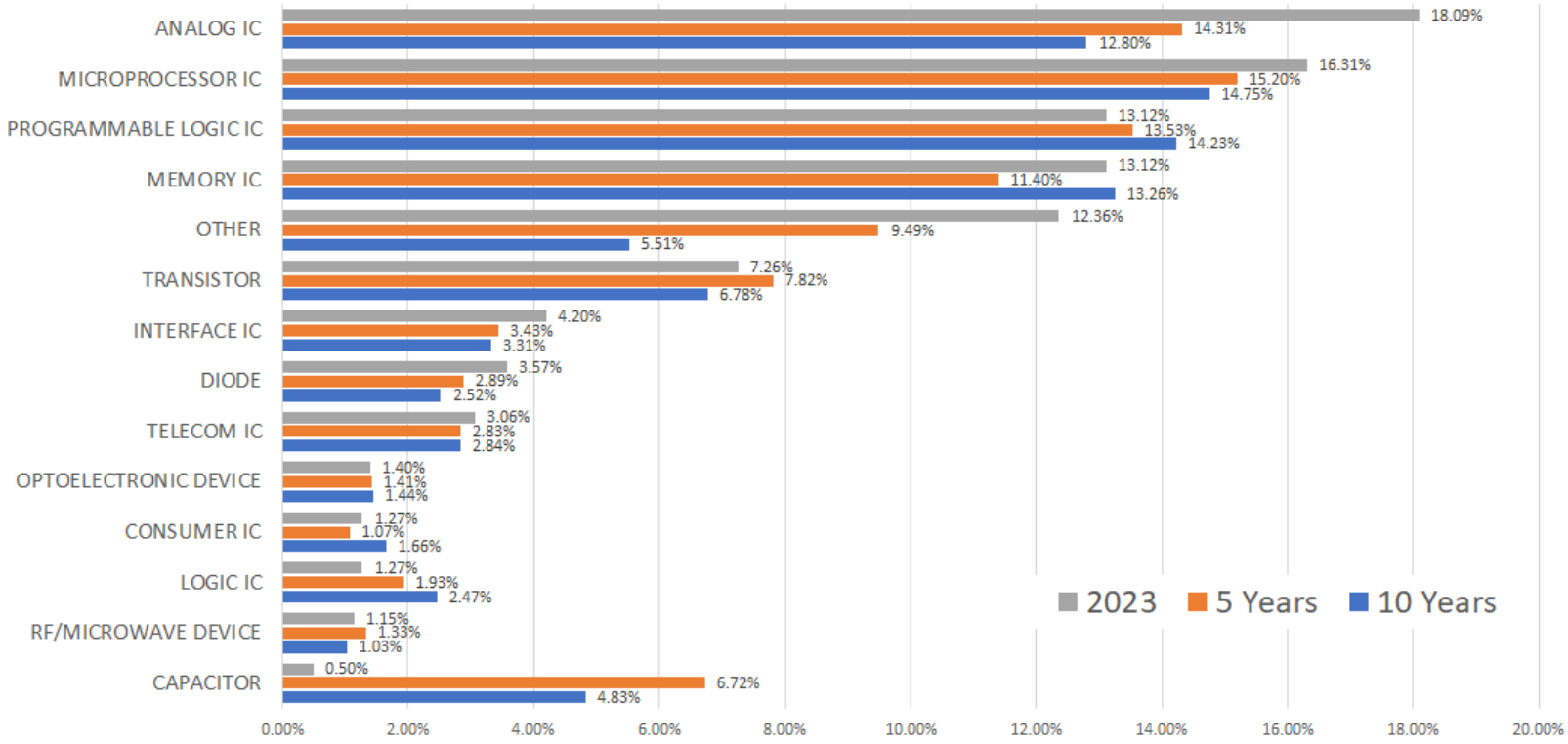
Mfgs. of Parts Reported in 2023 vs. Last 5- and 10-Year Periods



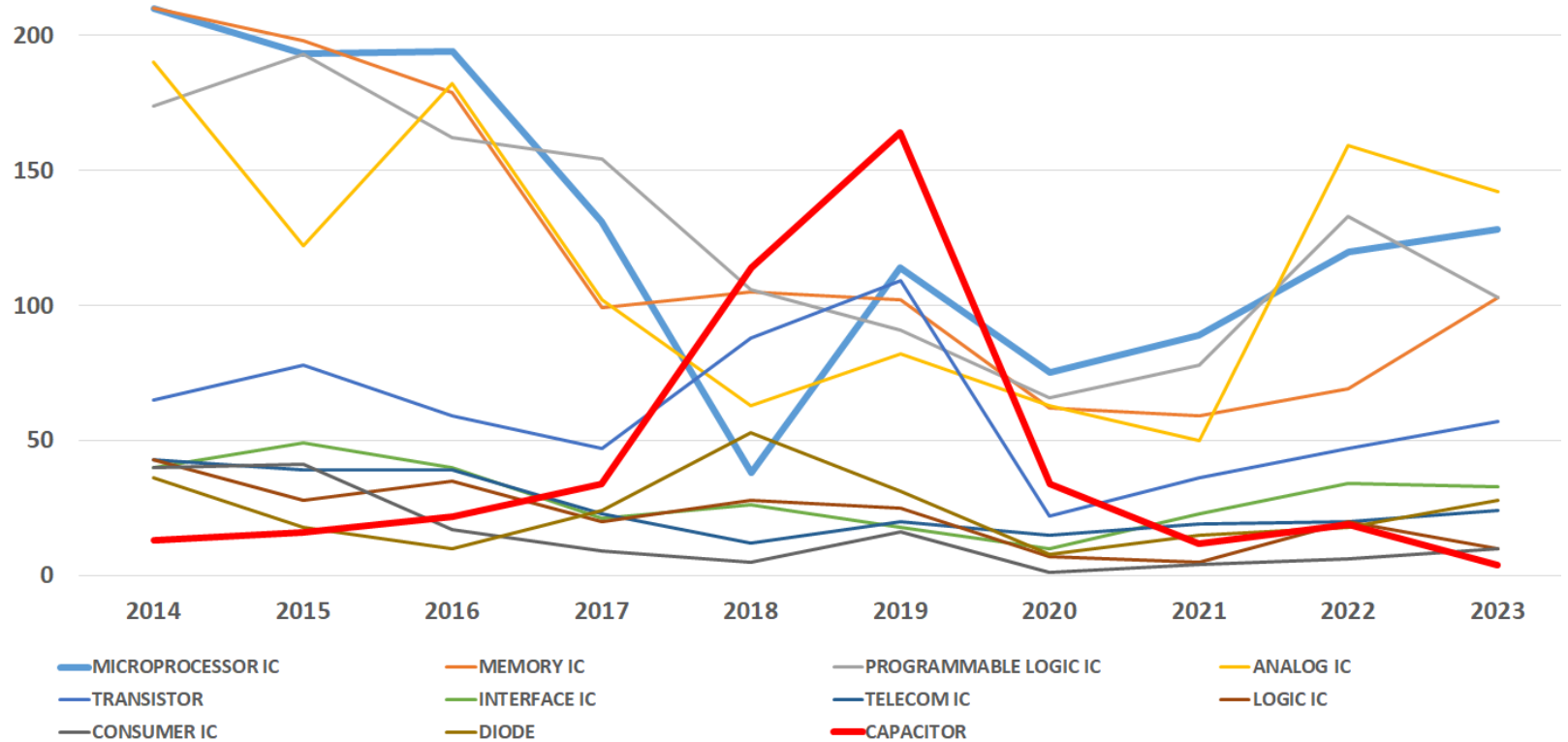
Types of Electronic Components Reported to ERAI in 2023



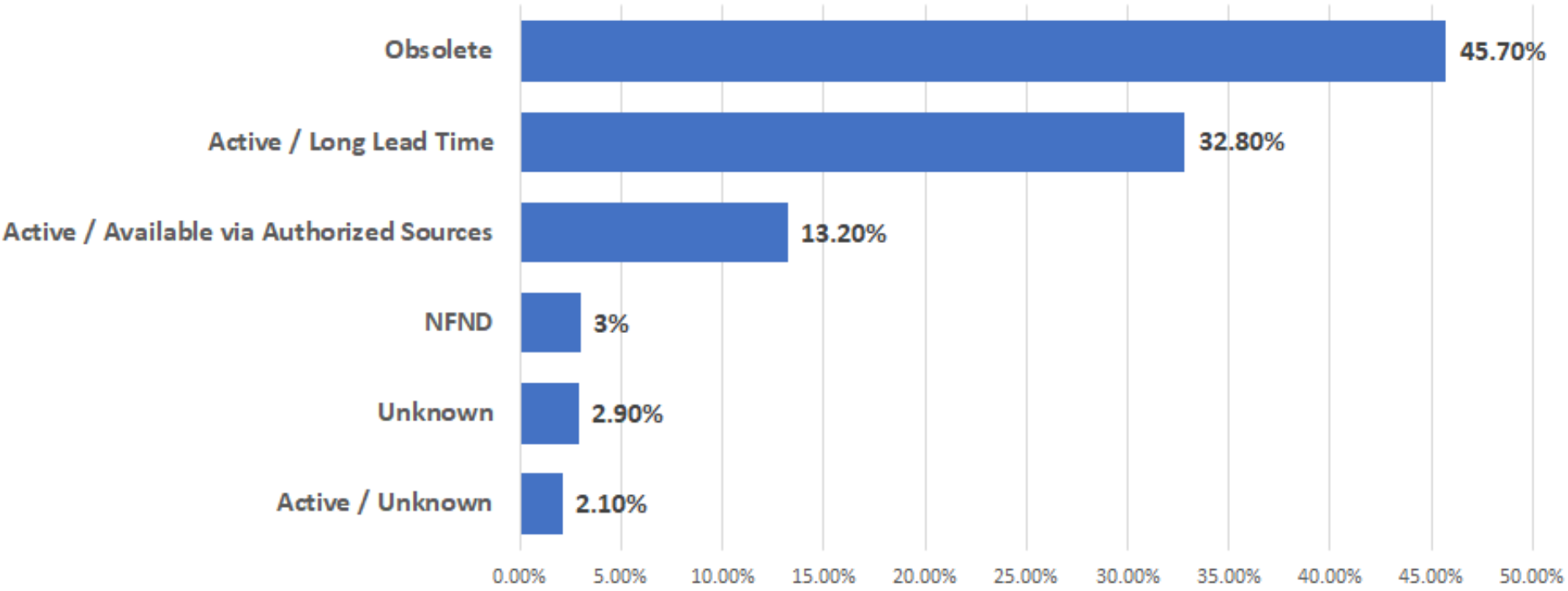
Parts Types Reported in 2023 vs. Last 5- and 10-Year Periods



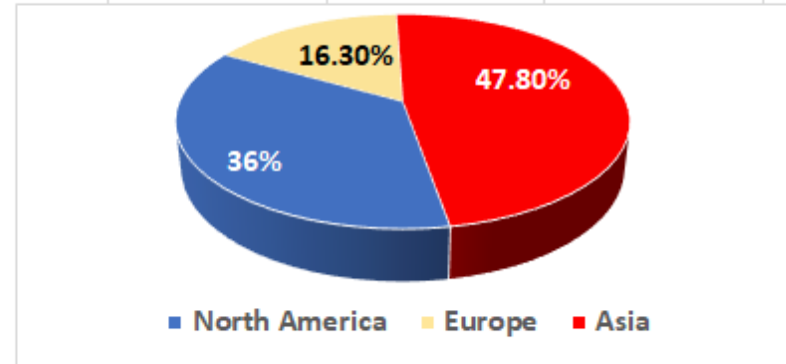
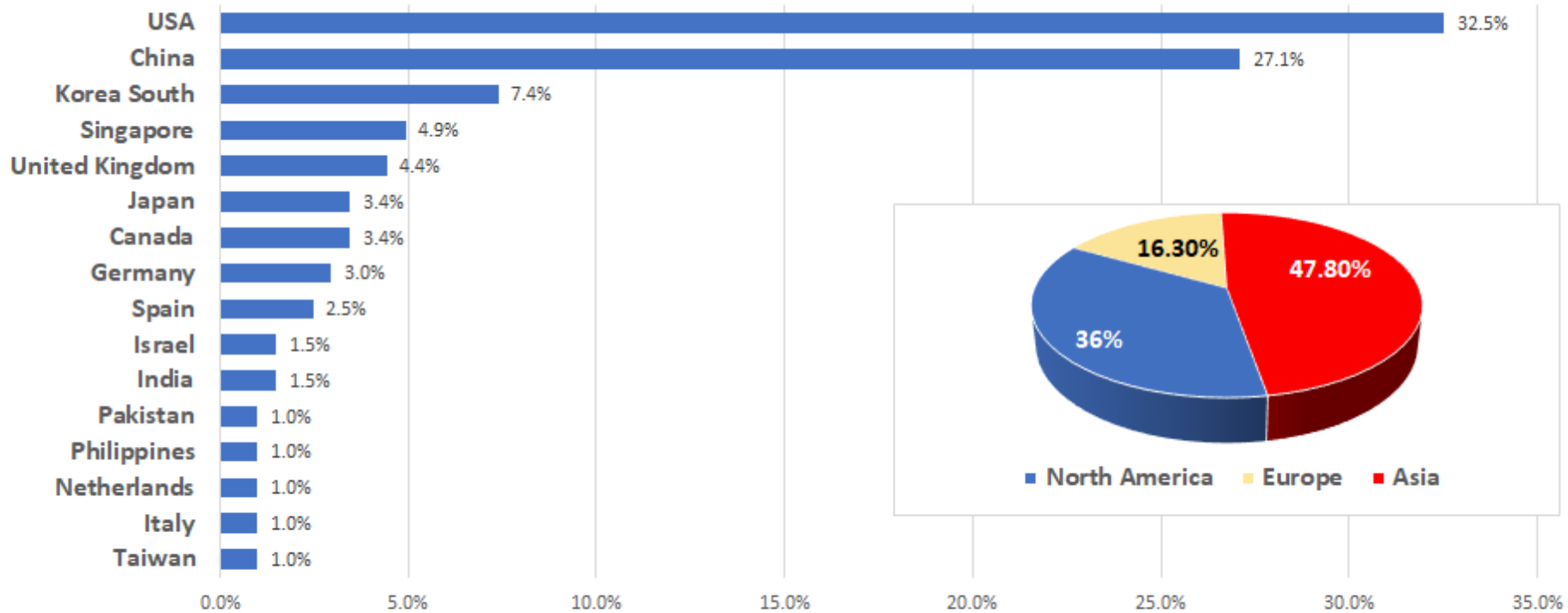
Reported Part Type Trends



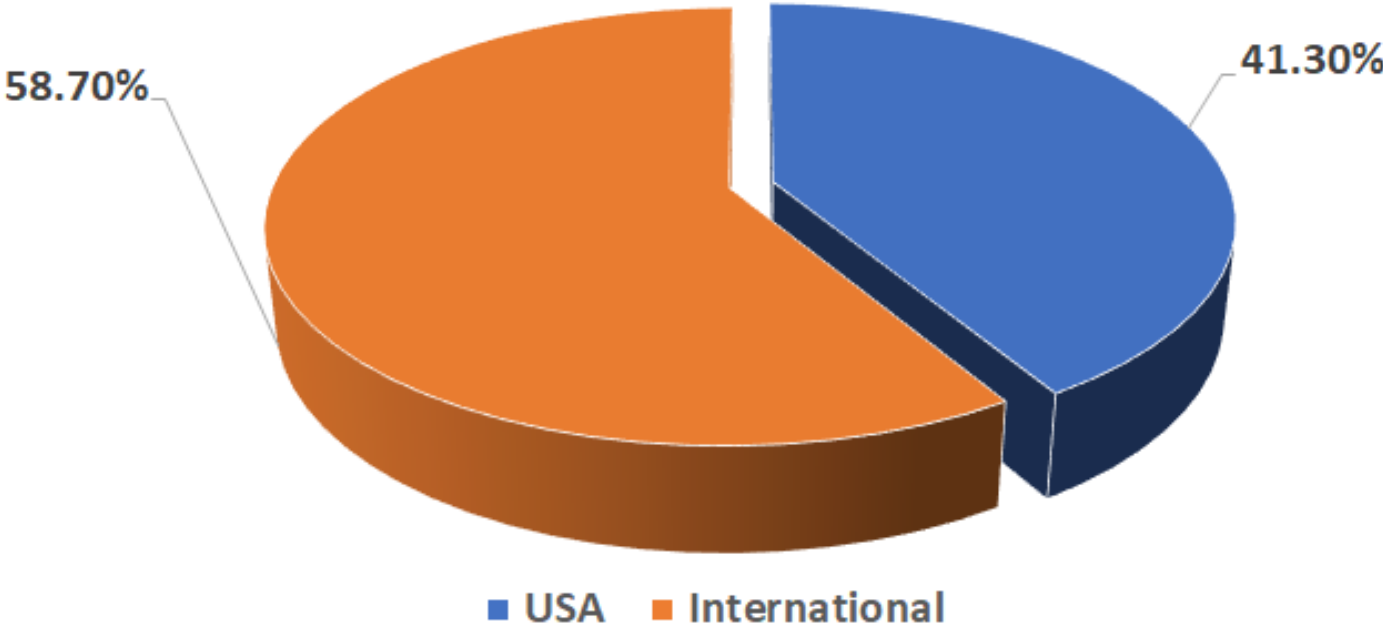
Status of Parts at the Time of Reporting 2023



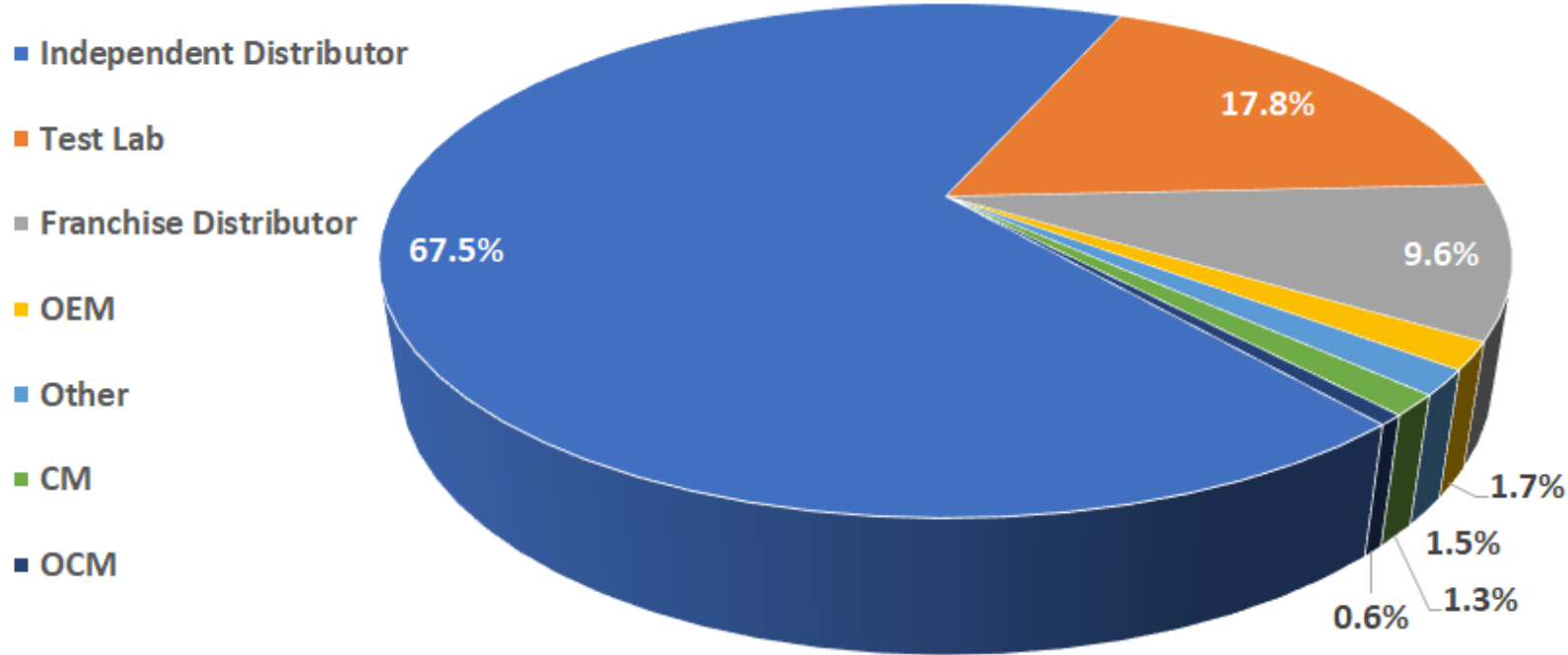
Geographic Location of Known Suppliers of Parts Reported in 2023



Domestic vs. International Entities Reporting Parts to ERAI in 2023



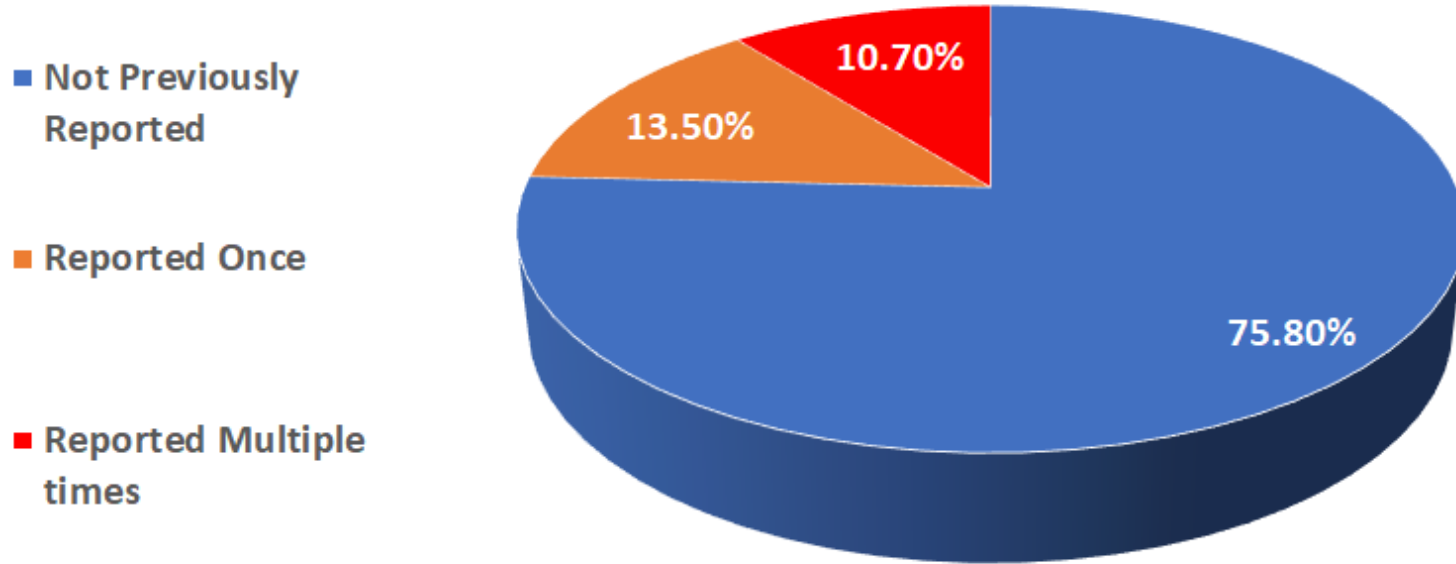
Types of Entities Reporting Parts to ERAI in 2023



Copyright © 2024, ERAI, Inc.



New vs. Previously Reported Parts in 2023



Reporting to ERAI

Q: WHO CAN REPORT PARTS/COMPANIES TO ERAI?

A: ANYONE. Membership to ERAI is not required.

We have made the process as simple as possible by offering three ways to report parts or companies to ERAI:

- **1. Report online at: WWW.ERAI.COM**
- **2. Email your report to reportparts@erai.com**
- **3. Call ERAI office at 239-261-6268**

Reporting Anonymously

Please note that you can report parts anonymously. We will not include your company name on an alert. You do not have to report the supplier that shipped you counterfeit devices unless you choose to. The major benefit to the industry at large is knowing there is a suspect counterfeit part out there.

- www.era.com – “Report Tab” or
- reportparts@era.com

Conclusions

- Counterfeiting is a global problem affecting all industries
- Counterfeiting affects current and obsolete parts
- Counterfeiting is a “moving target”
- The industry as a whole benefits when YOU report



Thank you



Richard Smith
V.P. Business Development
rsmith@eraï.com