

Semiconductor resource guide

can't-miss resources for the
semiconductor industry

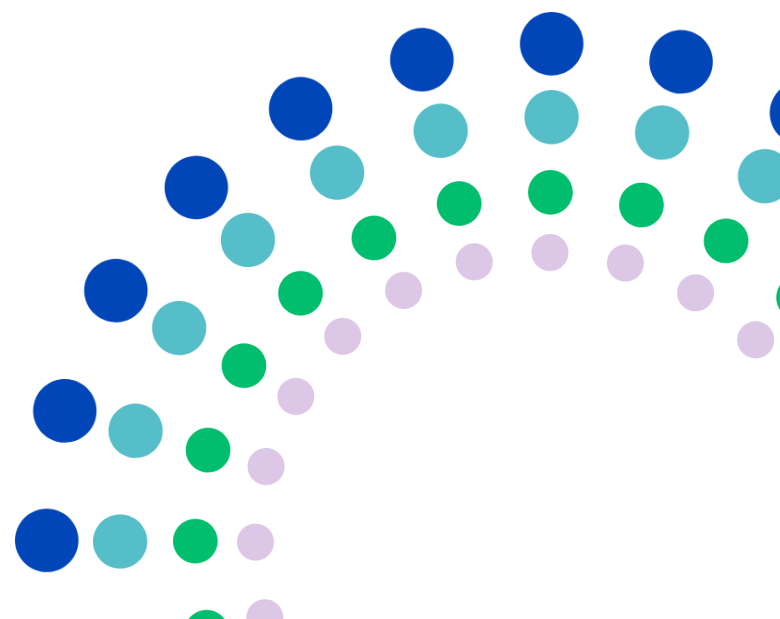
Semiconductor

resource guide

Central Florida boasts more than 180 companies operating in the semiconductor and related industries, collectively generating an annual revenue of \$780 million while providing employment to 7,640 individuals.

The Corridor is proud to encourage this exponential growth by partnering with research institutions, economic support organizations, government and businesses in the region to make Florida a destination for semiconductor innovation. In fact, in 2022, The Corridor was a key partner in a consortium that assisted Osceola County in receiving \$50.8 million from the U.S. Department of Commerce's Economic Development Administration (EDA) to develop Central Florida's semiconductor and microelectronics industry cluster and boost the manufacturing capabilities of Osceola County's 500-acre high-tech campus, NeoCity.

As Florida cements its position as a hub for semiconductor and related organizations, the demand for supporting this thriving industry increases. This resource guide is crafted with the intention to equip industry members with avenues for collaboration, connectivity, education and advancement, ensuring their continued success within this explosive region.



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Autonomous Florida

The Florida Chamber of Commerce's Autonomous Florida brings together businesses, industry experts and policymakers to secure Florida's autonomous future.

highlights

- Economic development services
- Networking opportunities
- Research opportunities



AutonomousFLA

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Advanced Materials Processing and Analysis Center (AMPAC)

The Advanced Materials Processing and Analysis Center (AMPAC) is an interdisciplinary research and education center for materials science and engineering at the University of Central Florida (UCF). AMPAC's vision is to make UCF an international leader in materials science and engineering research.

services

- Co-working space
- Networking opportunities
- Educational programming
- Events



AMPAC MCF



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BRIDG

BRIDG is a not-for-profit, public-private partnership. Through support and collaborations established with Osceola County, Florida High Tech Corridor Council, imec, Orlando Economic Partnership, TEL, SUSS, Siemens, and SkyWater Technology (Center for Neovation operator), BRIDG provides a collaborative process to connect challenges and opportunities with solutions; “Bridging the Innovation Development Gap” making commercialization possible. Located at NeoCity—a 500-acre master-planned community of innovation in Florida—BRIDG is centrally located 20 minutes from Orlando International Airport and within a mile of Florida’s Turnpike.

services

- Business support
- Creative Village
- Industry experts



FollowBRIDG



FollowBRIDG



FollowBRIDG



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Cenfluence

Cenfluence, an initiative led by The Corridor with funding support from several government partners, is focused on building an internationally recognized semiconductor industry cluster that is globally competitive resulting in significant contributions to regional and national economies, and national security.

services/highlights

- Economic development services
- Research opportunities
- Networking opportunities



Cenfluence



Cenfluence



Cenfluence



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CareerSource Central Florida

CareerSource Central Florida curates local talent for high demand industries, meeting local business needs and cultivating growth for the Central Florida community. CareerSource supports Upskill Osceola, a project funded as part of the U.S. Department of Commerce's Economic Development Administration investment in Osceola County's semiconductor and microelectronics industry cluster, by providing advanced manufacturing training for job seekers.

services

- Career and hiring services
- Talent training and development



[CareerSource Central Florida](#)



[CareerSource Central Florida](#)



[CareerSourceCF](#)



[careersourcecfl](#)

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Central Florida Tech Grove

Tech Grove is the only innovation center specifically created to foster the development of novel, non-traditional Modeling, Simulation and Training Human Performance solutions for the U.S. Department of Defense. Acting as a bridge between innovators and national security leaders, Tech Grove enables developers to get solutions in front of potential users and collaborators.

services/highlights

- Funding support
- Department of Defense collaboration
- Networking opportunities



Central Florida Tech Grove

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CREOL, The College of Optics and Photonics

CREOL is the College of Optics and Photonics at the University of Central Florida. Offering bachelor's, master's and doctorate degrees, CREOL's vision is to be the world leader in education, research, innovation, and partnership in optics, lasers, and photonics.

services/highlights:

- Degree programs
- Research opportunities



[CREOLatUCF](#)



[creolatucf](#)



[UCF College of Optics and Photonics](#)



SELECTFLORIDA

Select Florida - Florida Defense Alliance

Select Florida - Florida Defense Alliance is a statewide effort coordinating among military installations, government and industry players to bring value to the state's military operations established by Florida Statute 288.980.

services/highlights

- Business development services for defense-related industries



[selectflorida](#)



[selectfla](#)

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The logo for the Florida Photonics Cluster is a large teal circle. Inside the circle, the words "Florida Photonics Cluster" are written in a bold, blue, sans-serif font. To the right of the text is a stylized graphic of a red crescent moon with a yellow starburst in the center, and a rainbow-colored arc below it. A trail of small, colored dots (blue, green, and teal) extends from the bottom left of the circle.

**Florida
Photonics
Cluster**

Florida Photonics Cluster

The mission of the Florida Photonics Cluster is to support the growth and profitability of the photonics industry through the strength of a unified voice and to make Florida the place to go for photonics solutions.

services/highlights:

- Networking opportunities
- Educational programming
- Research opportunities



Florida Photonics Cluster



FLPhotonics



Florida Photonics Cluster (FPC)

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Florida Semiconductor Institute

The Florida Semiconductor Institute (FSI) at the University of Florida is a powerhouse for R&D, innovation and education on-and around emerging materials, chip design, process development, heterogeneous integration, advanced packaging, and assurance and cybersecurity.

services/highlights:

- Educational programming
- Research opportunities
- Funding opportunities

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IEEE Orlando Section

IEEE and its members inspire a global community to innovate for a better tomorrow through highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted “voice” for engineering, computing, and technology information around the globe. The Orlando Section connects students and local industry members with IEEE and regional opportunities.

services/highlights:

- Networking opportunities
- Educational programming



IEEE Orlando



IEEE Orlando Section



IEEEOrlando





International Microelectronics Assembly & Packaging Society. (iMAPS) Florida

iMAPS is a premier, nonprofit membership association, providing channels for communicating, educating and interacting within academia, industry and government.

services

- Educational programming
- Networking opportunities



**International Microelectronics
Assembly and Packaging**



IMAPSorg

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Manufacturer's Association of Central Florida

Manufacturer's Association of Central Florida's primary objectives are networking and education, sale opportunities and lobbying. Companies in Florida are able to work together, sharing solutions to common problems, as well as developing joint-venture business efforts.

services

- Networking opportunities
- Economic development services
- Business development services



[Manufacturer's Association of CF](#)



[Manufacturer's Association of CF](#)



[MACFlorida](#)



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National Center for Simulation

The National Center for Simulation (NCS) is a not-for-profit trade association with government, academic and industry members operating as an open consortium.

The vision of NCS is to be the internationally recognized leader in promoting, protecting and growing the modeling, simulation and training (MS&T) community.

services

- Networking opportunities
- Business development services
- Educational programming



[NCS Information](#)



[National Center for Simulation](#)



[ncsinformation](#)



National High Magnetic Field Laboratory

The largest and highest-powered magnet lab in the world, the National MagLab hosts more than 1,000 visiting scientists a year. Researchers use the facilities for free, advancing understanding of materials and new technology, energy, health, the environment and even the universe.

services

- Research opportunities
- Networking opportunities
- Innovation labs



[National Mag Lab](#)



[NationalMagLab](#)



[nationalmaglab](#)



[nationalmaglab](#)

The logo for the National High Magnetic Field Laboratory. It features a large teal circle containing a purple square with a white stylized "M" and an upward-pointing arrow. To the right of the square, the text "NATIONAL HIGH" is in small black uppercase letters, "MAGNETIC" is in large black uppercase letters, and "FIELD LABORATORY" is in black uppercase letters below it.

NATIONAL HIGH
MAGNETIC
FIELD LABORATORY

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NeoCity.

NeoCity is a 500-acre high-tech campus within Osceola County equipped with advanced semiconductor and microelectronics manufacturing capabilities. NeoCity is a dynamic community that convenes collaboration between universities, research institutions and companies to create an ecosystem of smart sensors, photonics and optics. As it expands, it will also create further opportunities for many new, high-wage jobs in the technology field.

services

- Manufacturing facilities
- Research opportunities
- Real estate



neocityfl



NeoCity_FL



neocityfl

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Orlando Economic Partnership – Semiconductors

Orlando Economic Partnership is focused on building an internationally recognized semiconductor industry cluster that is globally competitive resulting in significant contributions to Central Florida's economy and the United States' economic and national security. The Partnership works with local organizations, to become semiconductor cluster members, and leverage synergies within the community, existing regional strengths and a well-established global network to address the specific needs of Central Florida businesses.

services

- Networking opportunities
- Economic development services
- Industry clustering



[ORLpartnership](#)



[ORLpartnership](#)



[Orlando Economic Partnership](#)



[Orlando Economic Partnership](#)



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SIEMENS

Siemens Orlando Innovation Center

Siemens provides custom engineering solutions, helping industry and small businesses by rapidly prototyping solutions for business challenges, testing the return on investment for new ideas and producing end-to-end solutions.

services

- Innovation labs
- Custom engineering solutions



[siemens](#)



[siemens](#)



[Siemens USA](#)



[Siemens](#)

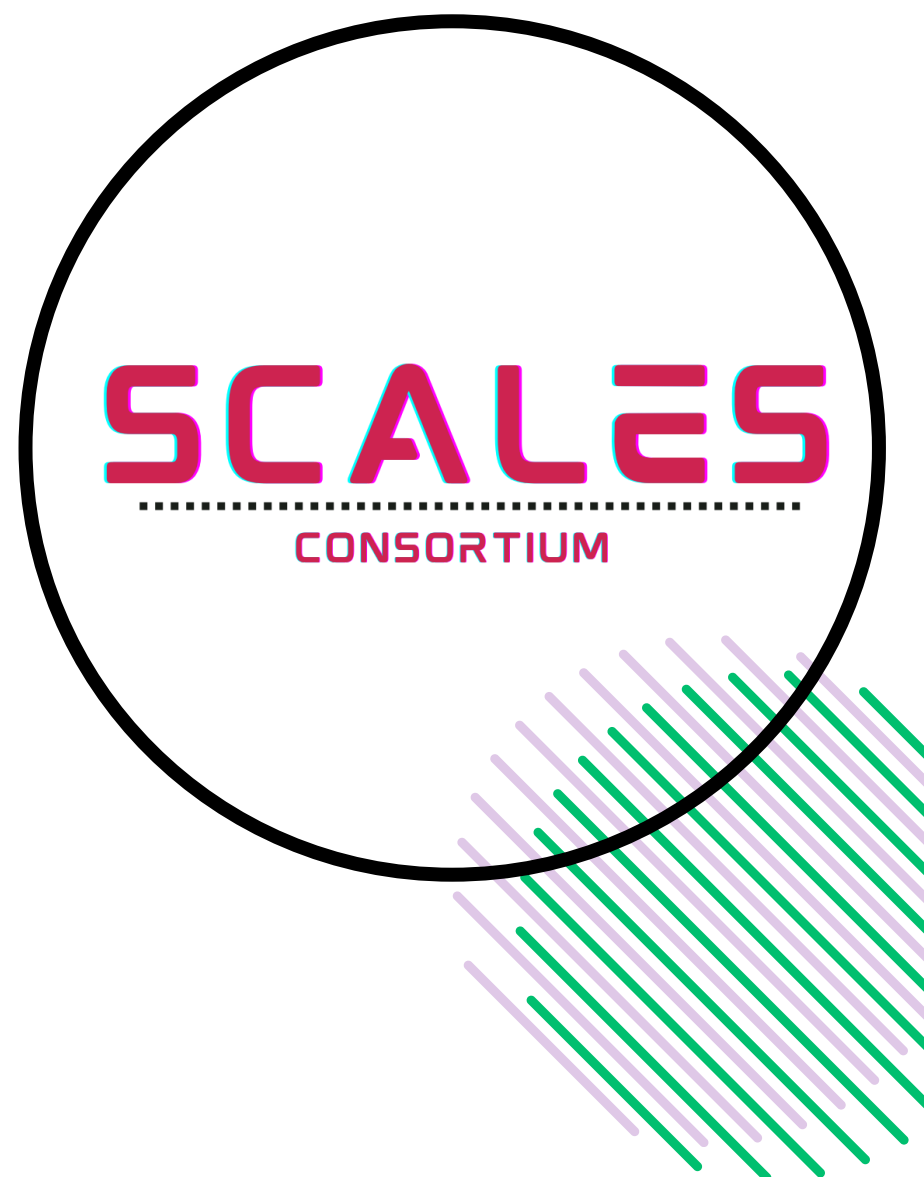
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Southeastern Consortium for Assured Leading- Edge Semiconductors (SCALES)

SCALES is a nonprofit organization that seeks to enable new R&D centers and prototyping facilities in the Southeast region.

services

- Educational programming



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Space Florida

Established via state statute, Space Florida offers leading aerospace companies unrivaled experience, unmatched financial tools, and an unbeatable location for their new initiatives.

services

- Manufacturing facilities
- Funding support



Space Florida



SpaceFlorida



Space Florida



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University of Florida Nanoscience Institute for Medical and Engineering Technology (NIMET)

NIMET drives research and educational activities at the University of Florida in all fields of nanoscale science, engineering and technology.

services

- Research opportunities
- Talent development

The University of Florida logo, featuring the letters 'UF' in a large, bold, blue serif font, followed by a vertical orange line and the words 'UNIVERSITY of FLORIDA' in a smaller, blue serif font. The logo is centered within a large, light purple circle. To the right of the circle, a decorative graphic of blue, teal, and green dots forms a curved, abstract shape.

UF | UNIVERSITY of
FLORIDA



University of Florida Security and Assurance Lab (SCAN)

The SCAN lab conducts world-leading research in the security and assurance of electronics, pharmaceuticals, food, health and more. It includes the newest equipment available for micro and nano imaging and manufacturing, integrated circuit microsurgery, electronic instrumentation and testing, and computing.

services

- Innovation labs
- Research opportunities

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Valencia College Accelerated Skills Training – Advanced Manufacturing

Valencia College's Accelerated Skills Training programs focuses on providing intensive, hands-on training designed to help students enter a new career field or advance their current skillset. The Advanced Manufacturing module explores the diverse roles and responsibilities throughout the manufacturing industry that are necessary for success. Students of the program also have the opportunity to acquire industry-recognized certifications after completing the program.

services

- Talent training and development



Valencia College



ValenciaCollege



valenciacollege



valenciacollege



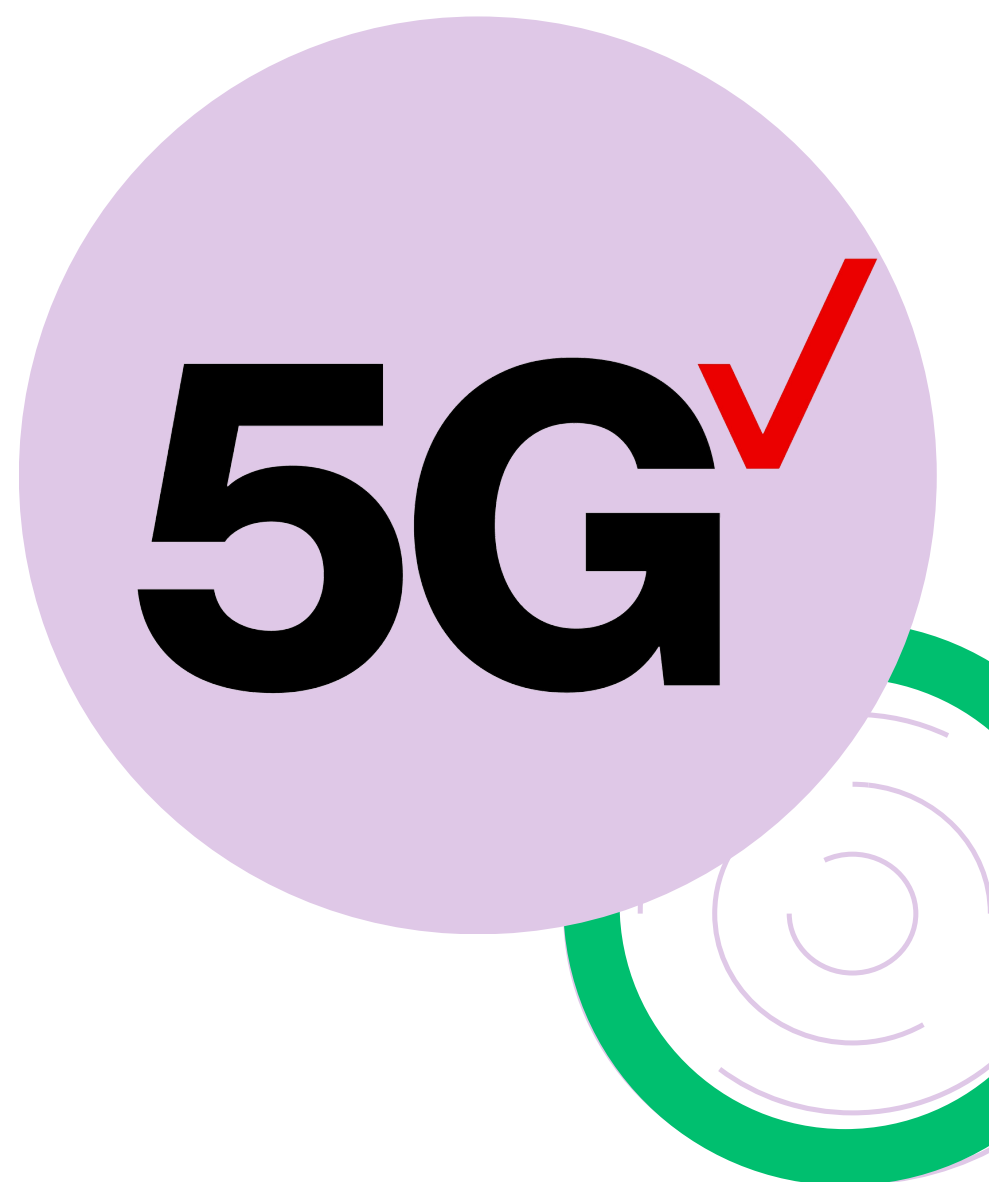
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Verizon 5G Innovation Hub – Lake Nona

Innovators at the Hub are conducting research with the backing of 5G Ultra Wideband, which enables new discoveries in the areas of health care, autonomous mobility and retail experiences, and fast tracks innovations from idea to experience and action in the community

services

- Research opportunities
- Innovation labs



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Not sure where to start?

Connect with us.

The Orlando Economic Partnership and Florida High Tech Corridor are partnering to establish and build an internationally recognized semiconductor industry cluster in Florida. Contact us to learn more about which resources might be right for you.



Casey Evans

Orlando Economic Partnership
*Senior Director, Economic
Development, semiconductors*



[Casey Evans](#)



casey.evans@orlando.org



Jordan DeWitt

Orlando Economic Partnership
*Semiconductor Cluster Manager;
Director, Policy & Strategic
Initiatives*



[Jordan DeWitt](#)



jordan.dewitt@orlando.org



— the —
florida
high tech
corridor —



Learn more

FloridaHighTech.com

