



No Borders – Finding your home in IEEE Technical Activities

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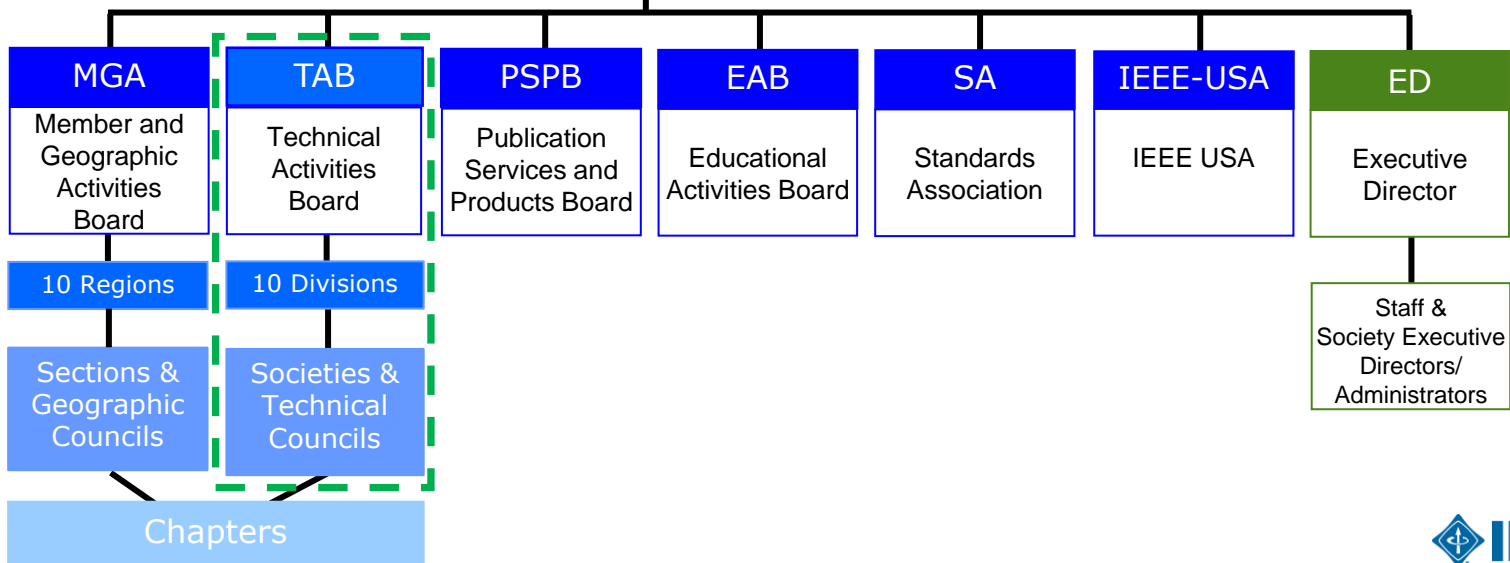
IEEE Organization



MEMBERS

Board of Directors (BoD)

Assembly



Finding my home in MGA

IEEE Regions

2024



Region 1
Region 1
(Northeastern US)

Region 2
Region 2
(Eastern US)

Region 3
Region 3
(Southern US)

Region 4
Region 4
(Central US)

Region 5
Region 5
(Southwestern US)

Region 6
Region 6
(Western US)

Region 7
Region 7
(Canada)

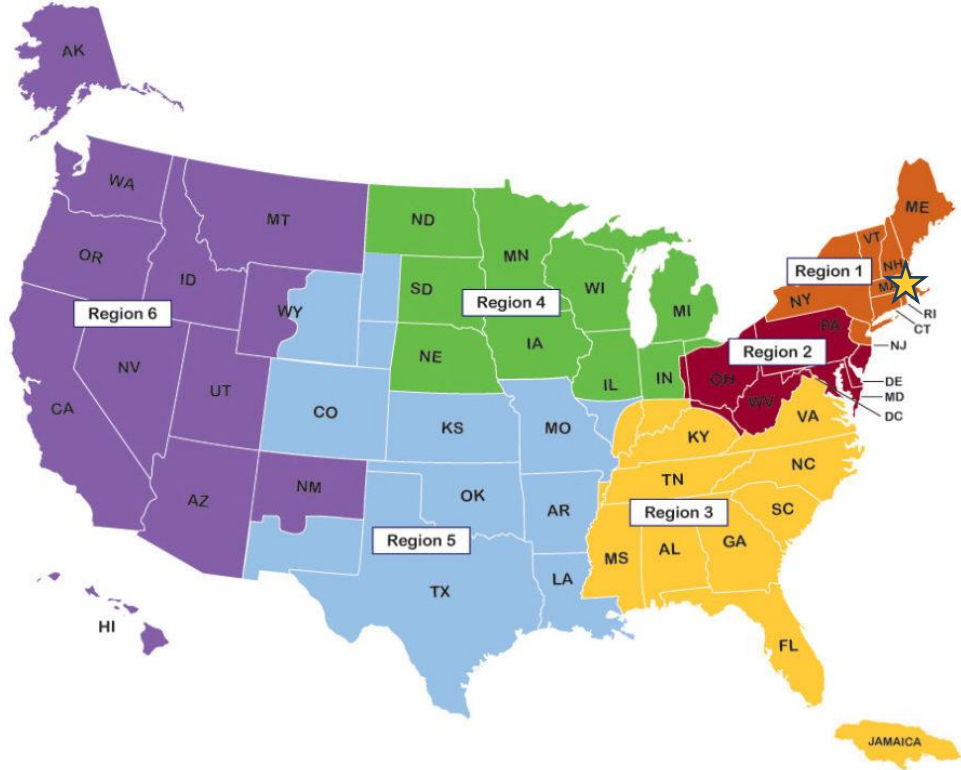
Region 8
Region 8
(Africa, Europe, Middle East)

Region 9
Region 9
(Latin America)

Region 10
Region 10
(Asia and Pacific)

U.S. IEEE Regions

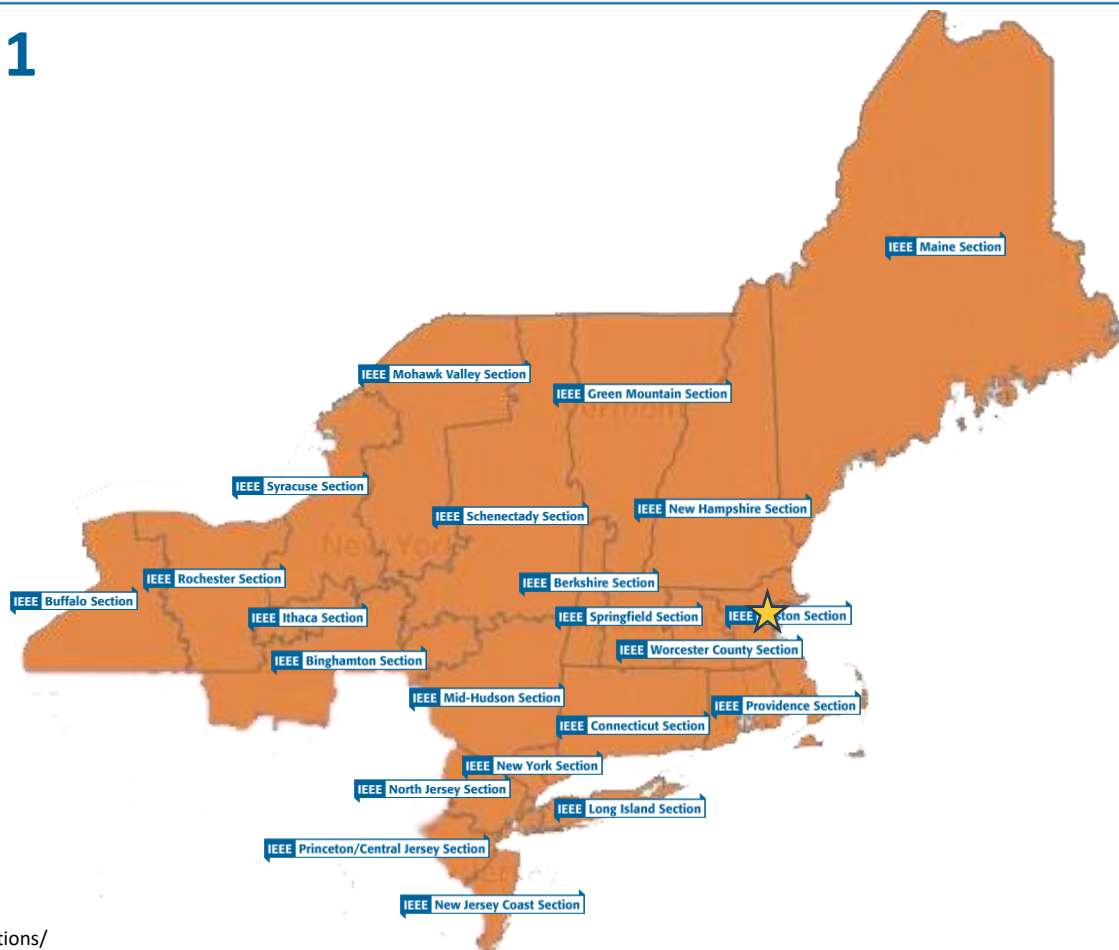
2024



- Region 1 (NE)
- Region 2 (East)
- Region 3 (SE)
- Region 4 (Midwest)
- Region 5 (SW)
- Region 6 (West)

IEEE Region 1

2024



Credits: <https://ieeer1.org/sections/>

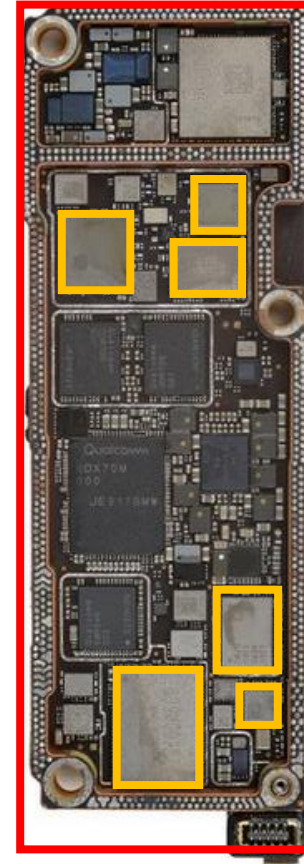
<https://brand-experience.ieee.org/guidelines/sub-brand-resources/ieee-sections-raise-your-flags/>



Finding my home in TA

What is my Technical Area?

- ▶ RF Semiconductor product development
- ▶ Developing Front End Modules for Smartphones



Front End Modules

Contain:

- GaAs PAs
- SOI switches
- CMOS controller
- Acoustic Filters

source: ifixit.com

Technical Activities: 47 Societies and Technical Councils



Divisions

I

II

III

IV

V&VIII

VI

VII

IX

X



Divisions

I

II

III

IV

V&VIII

VI

VII

IX

X

Finding your place in Technical Activities

Technical Activities: 47 Societies and Technical Councils



TA Programs, Incubation, Initiatives and Resources

Strategic Programs

- IEEE Entrepreneurship
- IEEE TechEthics
- TA Climate Change
- TA Diversity, Equity and Inclusion
- Coordination with MGA Affinity Groups:



Future Directions Initiatives

Resources & Platforms

- IEEE Resource Centers – education
- IEEE DataPort – platform for data and project ideas



IEEEDataPort™

Technical Committees in TAB

IEEE Future Directions

IEEE
QUANTUM

IEEE
Public Safety
Technology™

IEEE
LEO Sats

IEEE WPT
Wireless Power Technologies

IEEE
SusTech
Initiative
Sustainability Through Technology

IEEE
ROADMAPS™

IEEE
Digital Privacy

IEEE 5G/6G
Innovation Testbed™

IEEE
SMART
LIGHTING

IEEE
Telepresence

IEEE
Metaverse

TechNav AI

Exited from Future Directions

IEEE
BigData

IEEE
CYBER
SECURITY

IEEE
rebooting
COMPUTING

IEEE
SOFTWARE
DEFINED
NETWORKS

IEEE
BLOCKCHAIN™

IEEE
brain

IEEE
Internet of Things

IEEE
Smart Cities

IEEE
SUSTAINABLEICT™

IEEE
Digital Reality

IEEE
CLOUD COMPUTING

IEEE
lifesciences

IEEE
SMART GRID

IEEE
Future
NETWORKS™
IEEE

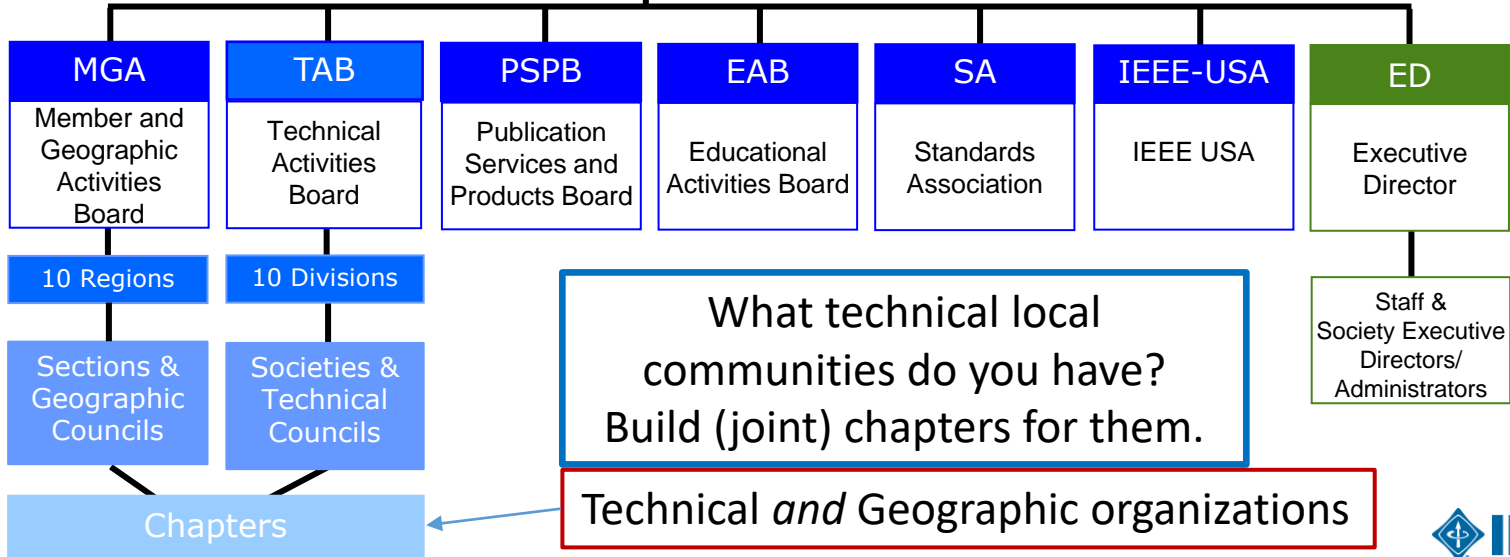
IEEE Organization



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Assembly



It's a complex organization

With something for everyone

IEEE Technical Activities

- ▶ Technical diversity
 - There is a community for almost everyone
 - Societies, Councils, TC's
- ▶ Dedicated volunteers, rich traditions
- ▶ Technical content – periodicals and conferences
- ▶ What if there isn't a community that suits your needs?
 - Create one – TC's, Future Directions, within Societies & Councils

Questions?

