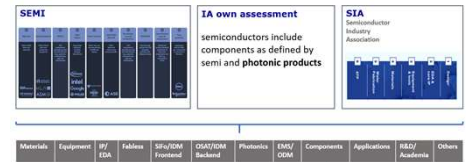
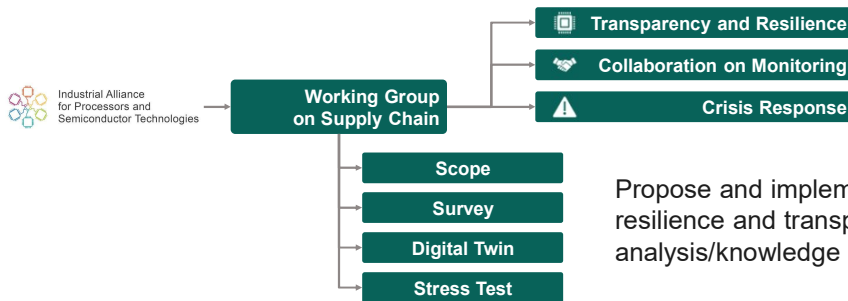


Supply Chain Working Group Cluster Components



Objectives of the Supply Chain Working Group



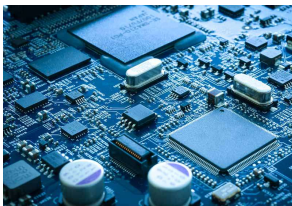
An industry working group working for the European industry on **End-to-End semiconductor*) supply chain and supply chains containing semiconductors**.

Join



Propose and implement measures to increase supply chain resilience and transparency, Support COM and ESB Board with analysis/knowledge and advise on possible future actions

Cluster Components



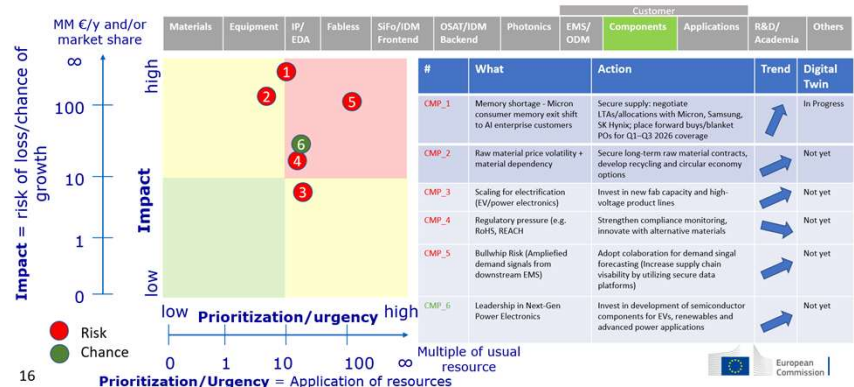
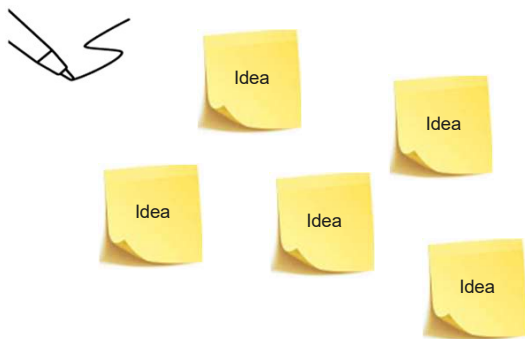
Definition:

Companies that supply non-semiconductor electro-mechanical and passive building blocks used on and around PCBs and within system wiring: passives (capacitors, resistors, inductors); interconnects and electromechanical (connectors, sockets, switches, cable/wire harnesses, terminals); EMI/EMC and power components (EMI filters, ferrites, bus bars, power connectors, protection); and related sensors/controls

Pivotal actors in semiconductor components:

- Murata [\[link\]](#) — MLCCs RF modules, filters; global passive-components leader
- TDK (incl. TDK Electronics/EPCOS) [\[link\]](#) — Capacitors, ferrites/inductors, protection and sensor components
- Samsung Electro-Mechanics (SEMCO) [\[link\]](#) — MLCCs, power inductors, substrates, camera/comm modules
- Bosch [\[link\]](#) — automotive-grade sensors, actuators, relays, connectors, and power/EMI components for vehicle electronics
- Continental [\[link\]](#) — sensors, switches/HMI, mechatronic modules and body/chassis electronics (non-semiconductor components)
- ZF [\[link\]](#) — electromechanical switches, position/magnetic sensors and vehicle controls for automotive electronics
- HELLA [\[link\]](#) — vehicle sensors, switches/controls, relay/fuse modules and lighting electronics for body/chassis systems
- Valeo [\[link\]](#) — sensors and electromechanical modules (switches, actuators, power/EMI components) for vehicle ECUs and systems
- TE Connectivity [\[link\]](#) — World leader in connectors and sensors across data, power, and signal
- Würth Elektronik [\[link\]](#) — Passives & electromechanical parts (inductors, EMC/RF components, connectors, PCBs)

Feedback (on Definition, on companies, on actual Chance/Risk Matrix, on increasing resilience, on ...)



The TASK

- Think about IDEAS & SUGGESTIONS to link the Base to the overall objectives
- Do some (silent) BRAINWRITING to put your Idea & Suggestion to a POST-IT
- Put your Post-it on the Poster with some EXPLANATORY WORDS to the group
- BRAINSTORM in the group about the ideas and make it as meaningful as possible
- PRESENT to the group (allow different opinions to be heard as well)

- Risk due to geopolitical situation in our domain and its supply chain mitigation strategy
- Risk due to complexity increase in our domain and its supply chain mitigation strategy
- Chances due to AI in our domain and how to accelerate harvesting the chances
- Chances due to collaboration in our domain and how to accelerate harvesting the chances