### TAS Roadmap Passive Components

#### SPCD 2018 3<sup>rd</sup> Space Passive Components Days

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### TAS Road Map / Passive Components - Summary

Common requirements for Passive Components

Capacitors / Resistors

Magnetics

Crystals / Oscillators

Connectors

**RF** Passive Components



# **TAS Road Map / Passive Components**

- Common requirements for passive parts
  - Main requirements coming from Equipment & Payload
    Road Map
  - Equipment/ Payload/ design flexibility
  - Higher density & integrated solutions
  - Increase of dissipated power & operating temperature
  - Cost & lead time reductions
  - To promote collaboration with European Suppliers

### **Capacitors / Resistors**



# **Magnetics**



for specific applications

# **Crystals & Oscillators**



### **Connectors**



Introduction of COTS solutions for specific applications

### **RF Passive Components**



