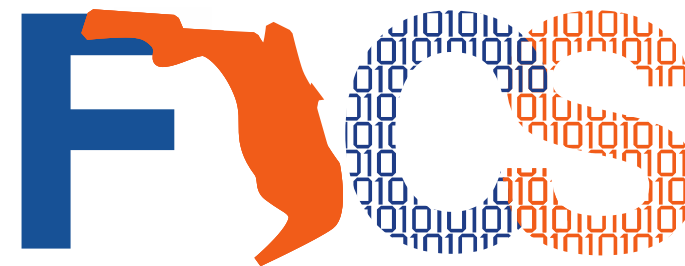


Global Electronic Supply Chain Security:

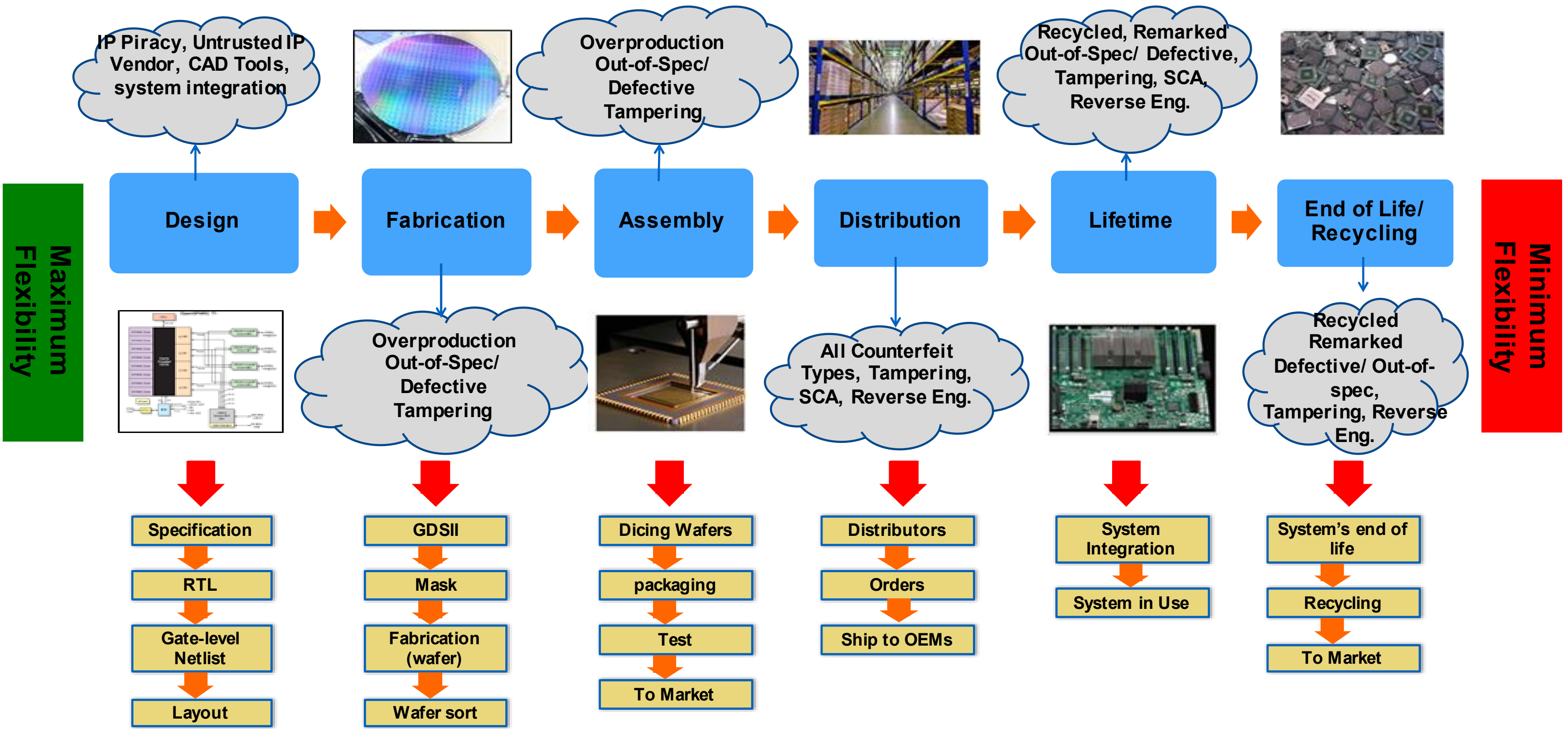
What Can Asian Pacific Region Do About it?

Mark M. Tehranipoor

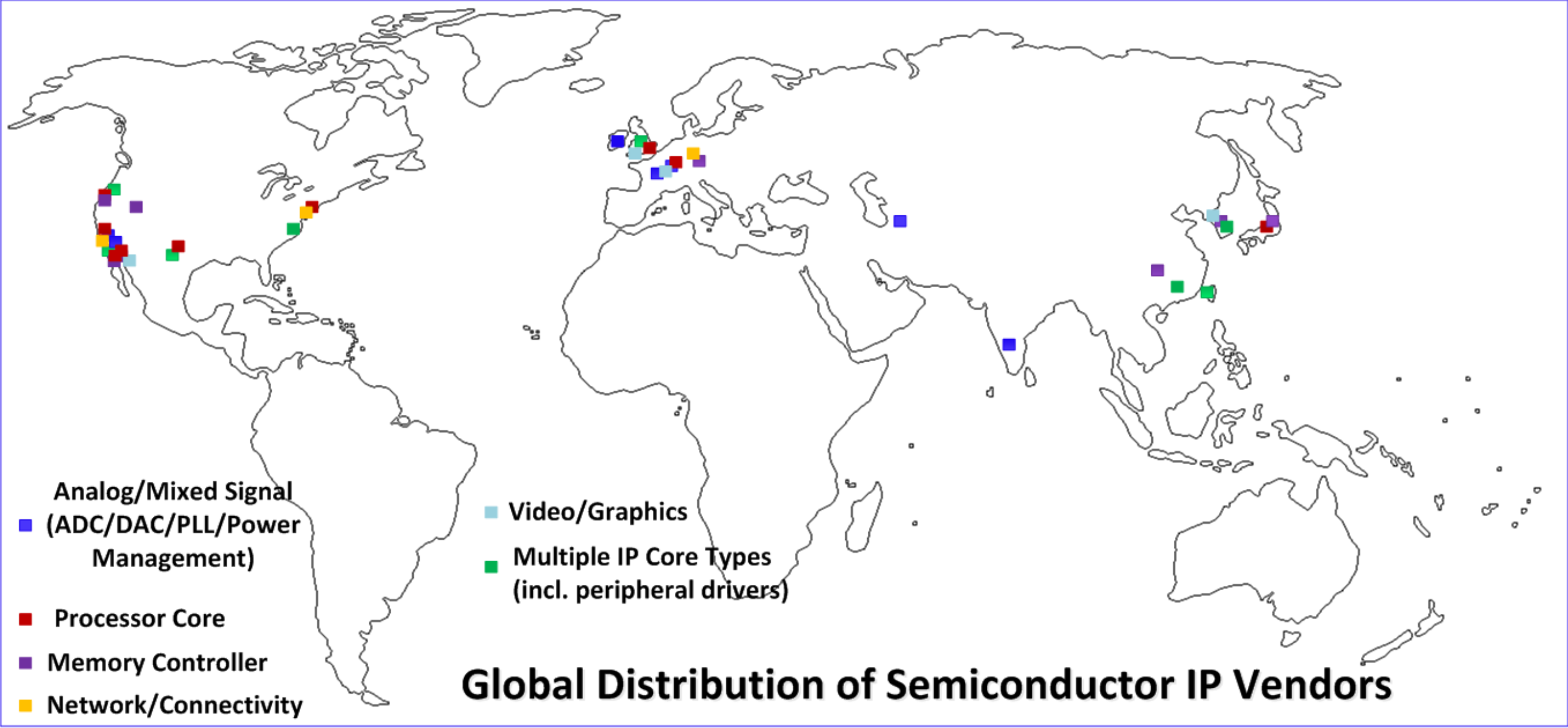


Florida Institute for Cybersecurity Research

Global Supply Chain Vulnerability



IP Vendors Distributed Across the Globe



Long and globally distributed supply chain of hardware IPs makes SoC design increasingly vulnerable to diverse trust/integrity issues.

The Rise of Hardware Attacks



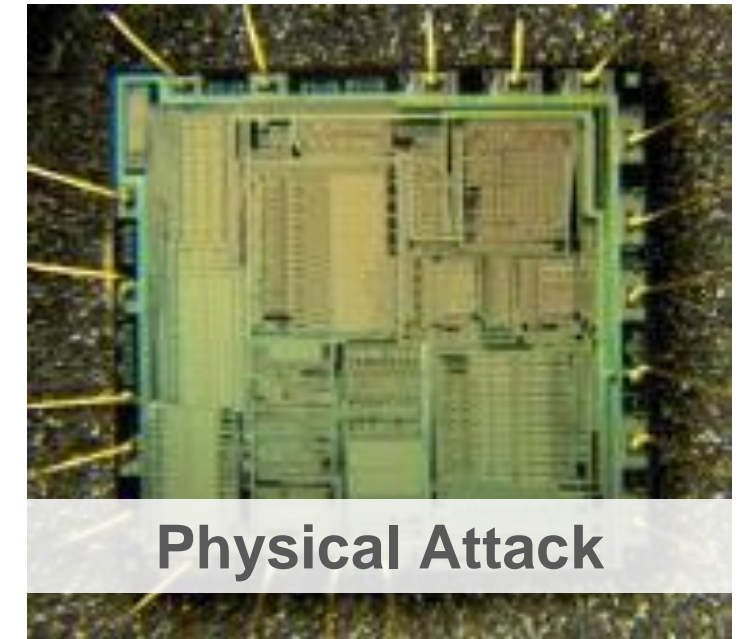
Trojans



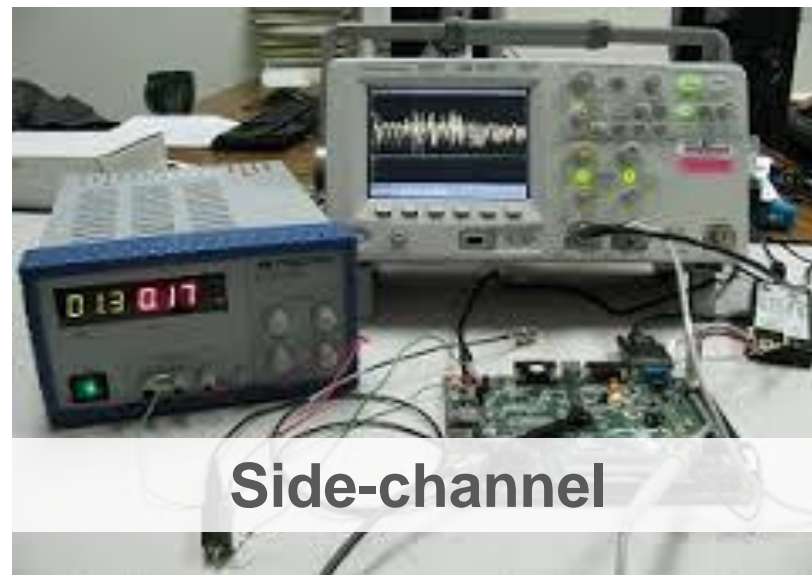
Untrusted Foundry



Counterfeit ICs



Physical Attack



Side-channel



Fault Injection



Clones



Fake Parts

