



**Aerospace Systems**

**Electronic Commodity Types**

As a minimum but not limited to the table below identify the type parts that must be controlled as part of a DFARS 252.246-7007 compliant counterfeit part detection and avoidance system.

<b>Component Name</b>	<b>Component Name</b>	<b>Component Name</b>
Absorbers, electronic	FPGA	Printed circuit assemblies (PCA)
Accelerometers	Frequency converters	Printed Wire Boards (PWB)
Amplifiers	Frequency modulator	Processors
Application specific circuit assemblies	Frequency multiplier	Programmable array logic (PAL)
Application Specific Integrated Circuits (ASIC)	Fuses	Protectors, electronic
Arrestors, electronic	Hybrid micro-circuits	Relays
Attenuators	Inductors & Cores	Resistors
Backplane circuit cards	Integrated Circuits	Resolvers
Bare printed circuit	Isolators, RF	RF Amplifiers
Batteries	Laser diodes	RF comparator/ detector
Capacitors	LED	RF isolator/ circulator
Ceramic fuses	Memory module	RF up/ down convertor
Circuit assemblies	Microcontrollers	Semiconductor chips
Circuit Breakers	Mixed circuit assemblies	Semiconductor dies
Clock Oscillators	Networks, passive	Semiconductor wafers
Coils	Optocoupler	Semiconductors
Couplers, electronic	Optoelectronic devices	Signal converters
Crystals	Oscillators, Crystal	Signal generators
Delay lines	Passive networks	Solar cells
Diodes	Photo detectors	System boards processors interfaces or modules
Electrical power regulators	Photo sensitive transistors	System cards
Electronic microcircuits	Photonics	Thermistor
Electronic modules	Piezoelectric crystals	Transformers
Electronic transformers	Potentiometers	Transistors
Fiber optic switches	Power dividers	Variable resistors
Filters, electronic	Power supply units	