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Standard	Scope	DoD Adopted		<u></u>	OEM	CD	OCM								Comments
International Organization for Standardization (ISO) .				-											
ISO 9001 Quality Management Systems - Requirements	Parts, Materials,	17-Apr-01	2	x	х	х	х								Does not cover counterfeit prevention, detection and avoidance elements
ISO/IEC 20243:2015 - Information Technology — Open Trusted Technology ProviderTM Standard (O-TTPS) — Mitigating maliciously tainted and counterfeit products	COTS ICT Products			×	х										Includes very high level, nonspecific "counterfeit mitigation" practices.
SAE International				$\pm$											
SAE AS9100 Quality Systems – Aerospace – Model for	Parts, Materials, Assemblies and Equipment	1-Mar-02		x	х	х	х								Does not cover counterfeit prevention, detection and avoidance elements
SAE AS9120 Quality Management Systems – Aerospace Requirements for Stockist Distributors	Parts, Materials and Assemblies					x				x					General requirement to "prevent the purchase of counterfeit/suspect unapproved products." No criteria.
SAE AS9003 Inspection and Test Quality System	Electronic Parts		2	x	х	х	х								Does not cover counterfeit prevention, detection and avoidance elements
SAE AS5553 Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition	Electronic Parts	22-Aug-09	:	x	x			x	x	x	x	x	x	х	Released April 2009 Revised January 2013 Comprehensive coverage for all elements
SAE AS6174 Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel	Parts and materials	17-Jun-13		×	х			х	х	х	х	х	х		Released May 2012; Revised July 2014
SAE AS6496 - Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition - Authorized/Franchised Distribution	Electronic Parts					х		х		х		х	х		Released August 2014.
SAE AS6081 Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition – Distributors	Electronic Parts	10-Jun-13				x		х		x	x	х	х		Released November 2012
ARP6178 Fraudulent/Counterfeit Electronic Parts; Tool for Risk Assessment of Distributors	Electronic Parts					х		х		х	х	х	х		Released December 2011

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Standard	Scope	DoD Adopted	<u> </u>	.   ;	OEM	CO	OCM								Comments		
Standard	Scope	Auohieu	U,				U								Comments		
AS6462 AS5553, Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition Verification Criteria	Electronic Parts	27-May-14	x		х			х	х	х	х	х	х	х	Released November 2012		
AS6886, Counterfeit Materiel; Assuring Acquisition and Use of Authentic and Conforming Refrigerant	Refrigerant		×	: :	х			х		х	х		х		Released June 2015		
AS6301 AS6081, Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition – Distributors Verification Criteria	Electronic Parts		×	: :	x	х		х		х	х	x	х		Work In Progress		
Proposed AS6171 Test Methods Standard; Counterfeit Electronic Parts	Electronic Parts		х	: :	x	х					х				Work In Progress		
Proposed ARP6328 Guideline for Development of Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition Systems	Electronic Parts		×	:   :	x			x	x	x	x	x	x	x	Work In Progress		
Proposed AIR6273 Terms and Definitions - Fraudulent/Counterfeit Electronic Parts	Electronic Parts		х	: :	х	х	х								Work In Progress		
SAE (formerley TechAmerica, GEIA, EIA, etc)				+	_												
SAE-TB-0003 Counterfeit Parts & Materials Risk Mitigation	Parts and materials		х	: ;	х			х	х	х	х	х	х		Released February 2009. High level guidance		
EIA-4899 Standard for Preparing an Electronic Components Management Plan	Electronic Parts		×		x									х			
EIA-933 Standard for Preparing a COTS Assembly Management Plan	Assemblies		х		х					х	х			х	Rev A requires a "Counterfeit Electronic Parts Control Plan" for flight critical assemblies		
ANSI STD-0016 Standard for Preparing a DMSMS Management Plan	Parts, Materials and Assemblies													х	Replaces EIA-GEB1		
Federal Aviation Administration (FAA)				$\perp$	-												
FAA AC 00-56 Voluntary Industry Distributor Accreditation Program	Parts, Materials and Assemblies					х		х							Does not cover counterfeit prevention, detection and avoidance elements other than 'Product Traceabity'		

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Standard	Scope	DoD Adopted	IS	OEM	8	OCM								Comments	
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Aerospace Corp															
AEROSPACE TOR-2014-02200 Counterfeit Parts Prevention Strategies Guide	Electronic Parts		х	х			х	х	х	х	х	х	х	Released June 2014 Comprehensive coverage for all elements	
JEDEC															
JESD31 General Requirements for Distributors of Commercial and Military Semiconductor Devices	Semiconductor Components	22-Aug-11			х		х							Traceability and C of C requirements for military semiconductor devices only.	
JESDXXX (proposed) Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition for Manufacturers	Semiconductor Components					х	x		х	х	x				
US Department of Defense															
MIL-STD-3018 Department of Defense Standard Practice, Parts Management	Electronic, electrical, and mechanical parts		х	х			х	х	х	х	х	х	х	"B.5.2 Counterfeit parts. The parts management plan shall address the detection, mitigation, and disposition of counterfeit parts"	
MIL-STD-11991A Department of Defense Standard Practice, General Standard for Parts, Materials, and Processes	·		х	х			х	х	х	х	х	х	х	"Reinstated after 26 AUGUST 2015" See Appendix C "Prohibited PM&P"	
Semiconductor Equipment and Materials International (SEMI)															
SEMI T20-0710 Specification for Authentication of Semiconductors and Related Products	Semiconductor Components					x	x							Defines a mechanism authenticate a product within the supply chain.	
SEMI T20.1-1109 Specification for Object Labeling to Authenticate Semiconductors and Related Products In An Open Market	Semiconductor Components					х	х							Subordiate to SEMI T20-0710	
SEMI T20.2-1109 Guide for Qualifications of Authentication Service Bodies for Detecting and Preventing Counterfeiting Of Semiconductors and Related Products	Semiconductor Components					х	х							Subordiate to SEMI T20-0710	
Electronic Components, Assemblies and Materials Association (ECA)															
EIA/ECA-CB21 Counterfeit Passive Components	Passive Components		Х	Х							х	х		High level guidance	

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Standard	Scope	DoD Adopted	S	OEM	8	OCM								Comments
International Electrotechnical Commission (IEC)	•													
IEC/TS 62668-1 Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of	Electronic Components		х	х	х	х	х	х	х	х	х	х		Released May 2012. High level guidance refering to other standards for implementation.
Proposed IEC/TS 62668-2 Process management for avionics - Counterfeit prevention - Part 2 (purchasing components outside of franchised distribution networks)	Electronic Parts		x	х			х	х	х	х				Work In Progress. Per 4.12.13.2, GIFAS/5052/2008 to be adopted and modified to be published as IEC/TS 62668-2
Groupement des Industries Françaises Aéronautiques et Spatiales (GIFAS)														
GIFAS/5052/2008 Guide for managing electonic component sourcing through non-franchised distributors. Preventing fraud and counterfeiting.	Electronic Parts		х	х			х	х	х	х				Released October 2008. High level guidance
UK Ministry of Defence														
Def Stand 05-135: Avoidance of Counterfeit Materiel	Materiel		х	х			х	х	х	х	х	х		Released June 2014. High level guidance
Independent Distributors of Electronics Association (IDEA)														
IDEA-STD-1010 Acceptability of Electronic Components Distributed in the Open Market	Electronic Parts				х					х				Includes inspection techniques for counterfeit detection.
Components Technology Institute, Inc														
CCAP-101 Counterfeit Components Avoidance	Electronic Parts				х		х		х	х				

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Standard	Scope	DoD Adopted	N C		00	OCM								Comments

### LEGEND:

#### User (For use by):

System Integrators (SI)

Original Equipment Manufacturers (OEM)

Component Distributors (CD)

Original Component Manufacturers (OCM)

### Counterfeit Prevention, Detection and Avoidance Elements:

- Product Traceability: methods to retain traceability of products from the original manufacturer to the end user.
- Risk Mitigation: approaches to assess and mitigate end use appication risks of procuring parts from riskier sources.
- Procurement Practices: procurement practices developed specifically to prevent the acquisition of counterfeit parts
- Verification / Detection: methods applied specifically to detect counterfeits
- Containment / Disposition: containment and disposition guidance for use when counterfeits are discovered
- Reporting: reporting guidance so that both industry and US Government organizations can determine whether or not they are similarly affected
- Component Obsolescence Management: includes guidance to address component obsolescence and, therefore, reduce the likelihood of having to acquire parts through riskier suppliers