ECSS Q-ST-60C EEE Components simplified class comparison

•		CLASS 1	CLASS 2	CLASS 3
•	- Compliance to ECSS-M-00	required	not required	not required
•	- EEE parts control plan	required	compliance matrix	compliance matrix
•	- PCB	required	required	not required
•	- "as built" DCLs	required	required	not required
•	- Type red. & pref. process	required	not required	not required
•	- Commercial parts -	allowed (some families)	allowed (some families)	
•	Mfr assessment (evaluation)	required	not required	not required
•	- Approval process	DCL (qualified)	DCL (qualified & EPPL/NSPL)	DCL (qualif & not qualif)
•		PAD (not qualified)	PAD (others)	
•	- Procurement spec	normative or project	normative -> datasheet	normative -> datasheet (for review)
•	- Quality levels			
•	+ integrated circuits	ESCC or QML/V	ESCC or QML/Q-M + PIND	ESCC or 883B screening
•	+ discrete active	ESCC or JANS	ESCC or JANTXV + PIND	ESCC or JANTXV
•	+ standard passive	ESCC/C, EFR-R	ESCC/C, EFR-R, CECC qual + B	SI ESCC/C, EFR-R, CECC qual + BI
•	+ relays	ESCC/B	ESCC/B or MIL/R + ESCC scree	n ESCC/B, MIL/R + ESCC screen
•	+ hybrids	ECSS-Q60-05 level 1 or QML	/KECSS-Q60-05 level 2 or QML/K	ECSS-Q60-05 level 2 or QML/H + PIND
•	- Customer precap	required (non qual & few qu	al)required (some non qual types)	not required
•	- Lot acceptance test	required (data < 2 years)	required	required –
•	- Customer buy-off	required (non qualified)	required (some non qual types)	not required
•	- DPA	required (non qualified)	required (some non qual types)	required (non qual. relays)
•	- Alerts	required	only handle alerts received	only handle alerts received
•	- Lot homogeneity	required	not required (except for rad)	not required (except for rad)



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[TR_ECSS_Q60intro]

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