79.3.2 P23 Blind Cre E Comment Status D action is incorrect. As the change hange last paragraph". dy ete" to "Change".	L6 eek Associates (deletion) is shown t	# 1-14
Blind Cre E Comment Status D inction is incorrect. As the change is hange last paragraph". dy ete" to "Change".	eek Associates (deletion) is shown	the editing instruction
E Comment Status D action is incorrect. As the change hange last paragraph". dy ete" to "Change".	(deletion) is shown	the editing instruction
iction is incorrect. As the change in nange last paragraph". <i>dy</i> ete" to "Change".	(deletion) is shown	the editing instruction
<i>dy</i> ete" to "Change".		
nse Response Status W	,	
ACCEPT IN PRINCIPLE.		
ombine the editing instructions on uction and then show the full deleti	line 6 and line 15? ion and insertion.	We would use the
79.3.2 P23	L 25	# I-16
orge CME Cor	nsulting,Analog Dev	rices Inc.,Cisco System
E Comment Status D	<i>0,</i> 0	· ·
be in NOTE style (frame style, and	d Note should be "N	OTE <em-dash>"</em-dash>
dy		
uy 		
e: and text on lines 25-29 to fram	ie NOTE- style.	
nse Response Status W	1	
ACCEPT.		
79.3.2 P23	L 25	# I-1
Intel Cor	poration	
E Comment Status D		
ote should start with "NOTE" and	em dash. See secti	on 10.1 in the style
dy		
e:" to "NOTE—" (em dash).		
nse Response Status W ACCEPT.		
	ACCEPT IN PRINCIPLE. Dembine the editing instructions on uction and then show the full delet 79.3.2 P23 Droge CME Co E Comment Status D be in NOTE style (frame style, and dy ie: " and text on lines 25-29 to fram- nse Response Status W ACCEPT. 79.3.2 P23 Intel Cor E Comment Status D note should start with "NOTE" and dy ie: " to "NOTE—" (em dash). onse Response Status W ACCEPT.	ACCEPT IN PRINCIPLE. publine the editing instructions on line 6 and line 15? uction and then show the full deletion and insertion. 79.3.2 P23 L25 proge CME Consulting,Analog Dev E Comment Status D be in NOTE style (frame style, and Note should be "N dy ie: " and text on lines 25-29 to frame NOTE- style. <i>nse Response Status</i> W ACCEPT. 79.3.2 P23 L25 Intel Corporation E Comment Status D note should start with "NOTE" and em dash. See section dy ie: " to "NOTE—" (em dash). <i>nse Response Status</i> W ACCEPT.

Pa **23** Li **25**

CI 79	SC 79.3.2	P 23	L 25	#	I-15	CI 79	SC 79.3.2	P 23	L 47	# I-17			
Rolfe, Ben <i>Comment</i>	jamin <i>Type</i> E	Blind Creek Ass Comment Status D	ociates			Zimmerman, George CME Consulting, Analog Devices Inc., Cisco Systems, Comment Type T Comment Status D							
The ed there of the ini	diting instruction is change bars show tial ballot, the pres	s "insert" so we expect all the t vn for the Note, table and para sence of change bars is confu	ext that follow graph followin sing.	s is new g the tab	 Why are ble? As this is 	"based on the length of the first classification event or based on the length of a received Power via MDI TLV". In the first case, this is a time duration, in the second case, this is a number of octets. Using "length" for both is marginally correct, but a little confusing, since one is a physical (time) measurement and the other is logical (bute count)							
Suggester	Remedy	anga hara				Suaaested	Remedv						
Proposed	Response	Response Status W				Change "length of the first classification event" to "duration of the first classification event"							
PROP	OSED ACCEPT.					Proposed	Response	Response Status W					
CI 79	SC 79.3.2	P 23	L 26	#	I-2	PROP	OSED ACCEPT.						
Ran, Adee		Intel Corporation	n			C/ 145	SC 145.2.5.1	P 26	L18	# 1-4			
Comment "have Suggested Chang Proposed PROP Chang Cl 79	Type E greater than 12 o <i>Remedy</i> je to "have more t <i>Response</i> OSED ACCEPT I je to "have more t SC 79.3.2	Comment Status D ctets" is awkward language. than 12 octets" or "are longer t <i>Response Status</i> W IN PRINCIPLE. than 12 octets" P23	han 12 octets	"		Ran, Adee Comment "Wher Tdbo. This s of neg Suggested Chang this of	<i>Type</i> E this occurs, the before attemptir entence is compli- ation (assuming r <i>Remedy</i> ge "When this occ curs, the PSE sh	Intel Corpora Comment Status D PSE shall not apply a volta- ng another detection, excep icated for an uninitiated rea my understanding is correct surs, the PSE shall not appl all apply a voltage lower tha	ation ge greater than \ ti in the case of a der. It be improve t). y a voltage great an or equal to VC	/Off to the PI for at least an open circuit" ed by removing a level er than VOff " to "When Off ".			
Ran. Adee		Intel Corporation	n			Proposed	Response	Response Status W					
Comment	Туре Е	Comment Status D				TFTD							
In "12 hyphe Also ir	octet TLVs" and ' n is required. n many cells of Ta	'one valid 29 octet TLV", n-oct able 79–1a.	et is a compo	und adje	ective, so a	Is this applyi possit	a technical chang ng a voltage < X? lle difference).	ge? Is there a difference be In my mind there is (the P	etween non apply SE going high in	ving a voltage > X and npedance being one			
Propo chang numbe	sed change is ado ed to have "numb ers in the cells.	ding hyphens everywhere, but er of octets in the TLV" as a c	alternatively tl olumn heading	ne table g, and ke	may be eep only	See I-	18						
Suggested Chang	IRemedy je "12 octet" to "12	2-octet", and "29 octet" to "29-	octet" in the te	ext.									
Chand	e cells in Table 7	9–1a similarly.											
Proposed PROP	Response	Response Status W											

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Page, Line

Pa **26** Li **18**

Immem Qeorge O.KE Consulting, Analog Devices Inc., Cisco Systems, Comment Yatery Orament Xatus X Comment Yape T Comment Yates X Comment Yates X Shall not apply a voltage greater than Volf to the PI for at least Tobo as defined in Table 14-5-16, has passed before attempting another detection? Comment Yates X Comment Yates X Shall not apply a voltage greater than Volf to the PI for at least Tobo as defined in Table 14-5-16, has passed before attempting another detection? The other way is that the PS2 is a table diagrams that aren't in the D3.0 document, page 14-4, 14-8. The other way is that the PS2 is shall not apply a voltage greater than Volf loar my time duration jare prohibited with the original text, voltage transmit the original text, voltage transmit the original text, voltage transmit the original text is being fixed, but the unintended this ambiguity, and also aligns with the wording of the PICS item. I am not sure what defect in the original text is being fixed, but the unintended consequence is ambiguity. Note: this comment is against State Diagrams that aren't in the D3.0 document, page 14-9. Suggested/Remedy Remove the strikeout of the original text inset of the orig	C/ 145	SC 145.2.5.1	P 26	L19	# I-18	C/ 145	SC 1	45.2.5.7	P3)	L 1	# I-13	
Comment Type T Comment Status X "*hall not apply a voltage greater than Volt for any lime duration) are prohibited during the alternative b detection time (Tdbo) and after that time, another detection is performed. This was the meaning of the original struck-out text. This is also consistent with the corresponding PICS entry, PSE5 on page 42. NOTE: this comment is against Figure 145-15 on document page 148, 149. The other way is that the PSE shall not apply a voltage greater than Volf (hc any hype nath or a tray time). Leelive the original text was clearer and avoided this ambiguity, and also aligns with the working of the Original text tom line 15 through 18, and delate the new text (undefined) on lines 18 through 20. Stati ot ClASS_PROBE_ PRI, and effer any working or perform and clear scene and the infimediate for the original text trans line 15 through 18, and delate the new text (undefined) on lines 18 through 20. TFD Stages tead degram is identical), at the top of page 144 we see the path is coase for the perform and clear scene and two intervent classification. One are travely to CLASS_RESET_PRI, to CLASS_	Zimmerma	an, George	CME Consult	ng,Analog Devi	ces Inc.,Cisco Systems,	Jones, Ch	ad		Cisco	Systems, Inc.	•		
 "shall not apply a voltage greater than Volf to the PI for at least Tdbo as defined in Table 145-16 before attempting another detection" can be interpreted tow ways, So may is clearer in the original text - voltages greater than Volf (for any time duration) are prohibited during the alternative b detection time (Tdbo) and after that time, another detection is approximately adjusted to an adjust Figure 145-16 on document page 148, 148. The other way is that the PSE shall not apply a voltage greater than Volf lasting greater than or equal to Tdbo prior to performing another detection (which can happen at any time). Delieve the original text use learer and avoided this anabguity, and also adjust with the worting of the original text use was tabled to mee worts the uniterfaced consequence is ambiguity. Suggested/Remody Remove the strikeout of the original text use of through 18, and delete the new text (underlined) on lines 18 through 20. Proposed Response Response Response Status W TFTD See 1-4. Leleive this change was based on a comment from a previous draft which pointed out that "babe (45-16 bord exampting another detection") Sole passed Before attempting another detection" Suggested/Remody Suggested/Remody See 1-4. Leleive this change was based on a comment from a previous draft which pointed out that "babe (45-16, has passed before attempting another detection") Suggested/Remody Suggested/Remody Suggested/Remody See 1-4. Leleive this change was based on a comment from a previous draft which pointed out that "babe (45-16, has passed before attempting another detection") Suggested/Remody Suggested/Remody<	Comment	Туре Т	Comment Status X			Comment	Туре	TR	Comment Status	Х			
see I-4. I believe this change was based on a comment from a previous draft which pointed out that "back off" is not defined anywhere. We were trying to solve that problem. CJ: Change "shall not apply a voltage greater than Voff to the PI for at least Tdbo as defined in Table 145-16 before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "back off" is not defined anywhere. We were trying to solve that problem. CJ: Change "shall not apply a voltage greater than Voff to the PI for at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a volt	 "shall not apply a voltage greater than Voft to the PI for at least 1 dbo as defined in 1 able 145-16 before attempting another detection" can be interpreted two ways. One way is clearer in the original text - voltages greater than Voff (for any time duration) are prohibited during the alternative b detection time (Tdbo) and after that time, another detection is performed. This was the meaning of the original struck-out text. This is also consistent with the corresponding PICS entry, PSE5 on page 42. The other way is that the PSE shall not apply a voltage greater than Voff lasting greater than or equal to Tdbo prior to performing another detection (which can happen at any time). I believe the original text was clearer and avoided this ambiguity, and also aligns with the wording of the PICS item. I am not sure what defect in the original text is being fixed, but the unintended consequence is ambiguity. SuggestedRemedy Remove the strikeout of the original text from line 15 through 18, and delete the new text (underlined) on lines 18 through 20. Proposed Response Response Status W TFTD 						NOTE: this comment is against State Diagrams that aren't in the D3.0 document. I at the published standard, this comment is against Figure 145-15 on document pa 145 and Figure 145-16 on document page 148, 149. Start of comment: The single signature PSE state diagram (Figure 145-13) on page 139 allows the pi CLASSIFICATION to CLASS_PROBE to CLASS_RESET and to CLASS_EV1_LC path allows a PSE to perform a class probe, perform a class reset and then imme perform multi-event classification (without having to perform detection/CC). Moving to the dual signature PSE state diagrams (we will talk only about the PRI of 145-15 since the SEC diagram is identical), at the top of page 144 we see the path CLASSIFICATION_PRI to CLASS_PROBE_PRI. contrasting the SS SD, there are paths out of CLASS_PROBE_PRI, and either allows the PSE to perform a class re them move to multi-event classification. One arc travels to CLASS_RESET_PRI, t CLASS_EV1_LCE_4PID_PRI, then to MARK_EV_LAST_PRI. Only one event is a this case. If the PSE needs to perform multi-event classification, it must use the of back to IDLE_PRI which requires a new detection and CC. There is no technical justification to force the two PSEs 'flavors' to behave differently in this case. My cc will modify the dual signature state diagrams to allow multi-event classification im						
I believe this change was based on a comment from a previous draft which pointed out that "back off" is not defined anywhere. We were trying to solve that problem. CJ: Change "shall not apply a voltage greater than Voff to the PI for at least Tdbo as defined in Table 145-16, has passed before attempting another detection" To: "shall not apply a voltage greater than Voff to the PI until after at least Tdbo, as defined in Table 145-16, has passed before attempting another detection" Suggesturbatic Year of the try of try of try of try of the try of		- .				after a	class p	robe.					
Proposed Response Response Status W	l belie "back CJ: Chanç Table To: "s in Tab	eve this change w off" is not defined ge "shall not apply 145-16 before at hall not apply a v ole 145-16, has pa	as based on a comment from a anywhere. We were trying a voltage greater than Voff tempting another detection" oltage greater than Voff to th assed before attempting anot	to solve that provious dra to solve that pro- to the PI for at l e PI until after a her detection"	ift which pointed out that oblem. least Tdbo as defined in at least Tdbo, as defined	Suggested See th the my Figure textua pg 14, delete delete CLAS add a pg 14; add " CLAS add a condit perfor	e attach dificatic 145-16 explana the IDL "* (pse_ S_PROE a empty f (pse_a S_EV1_ new arc on: "tcla n same	y nment, whe on is shown ation: E_PRI arc _avail_pwr BE_PRI is label arc in vail_pwr_p LCE_4PIE out to CL ass_reset_ changes t	ere the changes are n against Figure 14: c from CLASS_PRO _pri < 4)" from the a to CLASS_RESET_ nto CLASS_EV1_L0 ori < 4)" to the arc fr D_PRI ASS_RESET_PRI t timer_pri_done * (p to Figure 145-16 on	marked up. 5-15, the same BE_PRI. Irc to CLASS_ PRI] CE_PRI. com CLASS_R co CLASS_EV se_avail_pwr_ page 148, 14	e change _RESET_P !ESET_P 1_LCE_F _pri ≥ 4)" 9.	e will need made to _PRI. [the only arc fror PRI to PRI with the exit	
						Proposed	Respon	se	Response Status	w			

Comment resolution group to review referenced pdf.

Page 3 of 6 1/13/2021 9:05:02 AM

C/ 145	SC 145.2.5.7	P 30	L 32	# I-5	C/ 145	SC 145.3.3.	4.5	P 35	L18	# 1-7
Ran, Adee	9	Intel Corporat	ion		Ran, Adee		Ir	tel Corpor	ation	
Comment	Туре Е	Comment Status D			Comment	Туре Е	Comment Sta	atus X		
The as but the	ssignment symbol e whole table is re	in MEASURE_ACS_DONE placed.	is underlined.	It suggests an insertion,	It seems that the only change in this state diagram (Figure 145-27) is in the "POWERED" state, but it is not easy to locate. It would help if the editorial instruction points to the					
Suggested	Remedy				chang	e, as done in ot	her cases.			
Remo	ve the underline.				If there	e are other char	iges they should a	also be incl	luded.	
Proposed PROP	Response OSED ACCEPT.	Response Status W			Simila Suggester	rly in Figure 145 IRemedy	5-42.			
C/ 145	SC 145.3.3.3.	2 P32	L 43	# 1-6	Chang 27 as	je the editorial ir follows:"	nstruction to "Cha	nge the te	xt inside state PO	WERED in Figure 14
Ran, Adee Comment	Tvpe E	Comment Status D	lion		Apply	similar change i	n Figure 145-42			
"the P The te	D wants to abort" ext in 145.3.6.2 do	reads funny. A PD is an ina es not use "want" either.	nimate object a	nd doesn't have a will.	Proposed	Response	Response Sta	tus W		
Suggested Chang	<i>IRemedy</i> ge "the PD wants t	to abort" to "the PD is about	to abort", or po	ssibly "the PD aborts"	There	was a good bit	of discussion on t	he best wa	ay to do this.	
Proposed PROP	Response OSED ACCEPT I	Response Status W N PRINCIPLE.			Can w (contir	e include instrue nued) as follows	ctions such as "Cl :"?	nange the	POWERED state	in Figure 145-27
Chang	ge "the PD wants t	o abort" to "the PD is aborti	ng"							

Pa **35** Li **18**

C/ 145	SC 145.3.8.2	P 36	L16	# 1-8	C/ 1	45	SC	145.5.3.2.2	2	P 37	L 7	i	# [-	-9
Ran, Adee	tan, Adee Intel Corporation							Ran, Adee Intel Corporation						
Comment	Туре Т	Comment Status D			Con	ment T	ype	т	Comm	ent Status X				
The in and O	serted text create R with no "parent	es a sentence that is logicall heses":	y ambiguous be	cause it has both ANE)	The upo table in and this	dated the te cond	text create ext. It's not lition is quit	s a logica typical to e difficult	I expression as the have such logical to understand, as	e title of what lo expressions ou s it's split across	ooks like utside of s two line	a co state s.	llumn in a e diagrams,
"A PD that has enabled Autoclass during Physical Layer classification and drew a power higher than Class 1 power during the period bounded by TAUTO_PD1 and TAUTO_PD2 or has requested Autoclass through DLL"							It may help the reader if the condition is simply spelled out.							
		Ū				The comment also applies to pd_initial_value on page 40.								
l assu	me the meaning i	is "that has either enabled A	utoclass during	classification and drev	N Sug	SuggestedRemedy								
		NOCIASS CUTING DEL				Insert the following paragraph after "This variable is set per this description.":								
Suggested	iRemeay					"If pd_a	utocla	ass is TRU	E and pd	_autoclass_cance	lled is FALSE,	then this	varia	able is set to
This c before	This can be improved somewhat by adding the word "either" after "that has" and a comma before the "or" (as in the comment) if my interpretation is correct.							the value UXACAC (decimal 44204). Otherwise, it is set according to pse_allocated_pwr follows:"						
If I got	t it wrong, then "e	ither" should be placed after	r the "and".			Delete t	he firs	st "column'	and the	last "row" in the ta	able following "\	/alues:".		
Proposed Response Response Status W						Apply co	orresp	onding ch	anges to	pd_initial_value.				
1101	OOLD AOOLI I				Prop	osed R	espor	nse	Respor	se Status W				
Chang	ge to:					TFTD								
"A PD power TAUT	that has either en higher than Clas O_PD2, or has re	nabled Autoclass during Phy s 1 power during the period quested Autoclass through	ysical Layer clas bounded by TAL DLL"	sification and drew a JTO_PD1 and		The provided solution for pse_initial value. However, the suggested remedy also apply solution to pd_initial_value. I don't believe that is necessary, but the variat are different. Please review.								so says to ables used

Pa **37** Li **7**

C/ 145	SC	145.5.3.2.2	P 37	L18	# <mark>I-11</mark>	C/ 145	SC 145.5.3.2.	5 P39	L 2	# I-19
Ran, Adee	•		Intel Corpora	tion		Zimmerma	in, George	CME Cons	ulting,Analog Dev	ices Inc.,Cisco Systems,
Comment	Туре	т	Comment Status X			Comment	Туре Е	Comment Status D		
The va multip	ariable le varia	pse_initial_v ables.	value_alt(X) suggests that	it is a function (b	ased on input X) or	Font s style n this es	ize in the figure is nanual for figures caped notice befo	6 point. this is very hard is 8 point (as are the othe ore, even though there is	to read, and the r er state diagrams i plenty of room on	ninimum in the IEEE-SA in the draft). Somehow the page.
Is X or	ne of th	ne alternative	es A or B? or is it "pri"/"alt	'?		Suggested	Remedy			
Also, t	he "va	lues" table h	as one column which lists	values for two v	ariables. It is unclear	Conve	rt 6 point text in fig	gure 145-42 to 8 point.		
which	one sh	ould be use	d.			Proposed	Response	Response Status W		
Is this	"variat	ole" actually	a function?			PROP	OSED ACCEPT.			
Suggested	Reme	dy								
Clarify pse_ir	the tention the te	xt to indicate alue_alt(X).	e how both variables affec	the single value	of the variable					
If nece	essary,	change the	definition to a function an	d move it to the '	functions" subclause.					
Proposed	Respo	nse	Response Status W							
TFTD										
C/ 145	SC	145.5.3.2.2	P 37	L 20	# I-10					
Ran, Adee	•		Intel Corpora	tion						
Comment	Туре	т	Comment Status D							
"derive which	ed from	n pse_alloca d in the PSE	ted_pwr_pri and pse_alloo state diagrams"	cated_pwr_sec v	ariables (145.2.5.6),					
if "whi "which	ch" refe are us	ers to pse_a sed"?	llocated_pwr_pri and pse_	_allocated_pwr_s	ec, shouldn't it be					
But I c that is variab	lon't se used (le is us	ee these vari (e.g. in Figur sed in the PS	ables in any state diagran re 145-42)? if so, the para SE state diagrams".	n; is it actually ps graph should inst	e_initial_value_alt(X) ead start with "This					
Pointir	ng to s	pecific diagr	ams would be preferable.							
Suggested	Reme	dy								
Based	on the	e answers to	the question in the comm	ent, update the t	ext accordingly.					
Consid	der poi	nting to the	specific diagrams which th	e reader should	refer to.					
Proposed	Respo	nse	Response Status W							
PROP	OSED	ACCEPT IN	N PRINCIPLE.							
Chang	je "whi	ch is used" t	o "which are used"							
TYPE: TR	/techni	cal required	ER/editorial required GR	/general required	d T/technical E/editorial G/	general		Pa	39	Page 6 of 6

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Page, Line

Pa **39** Li **2**