



AHEAD OF WHAT'S POSSIBLE™

Illustrative Tables for Comments r01-147 and 150

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ANALOG DEVICES



Comment 147

- Modified table 45-341- since PD assigned power is now contained in a separate register

Table 45–341—PoDL PSE Status 2 register bit definitions						
Bit(s)	Name	Description			R/W	
...					...	
13.2.14:311	Reserved	Value always 0			RO	
13.2.10:9	PD Extended Class	10	9		RO	
		1	1	=Reserved		
		1	0	=Reserved		
		0	1	=Reserved		
		0	0	=Class code 15		
13.2.8:3	PD Assigned Power Reserved	PD Assigned Power Value always 0			RO	
13.2.2:0	PD Type	2	1	0	RO	
		1	1	1		=Unknown
		1	1	0		=Reserved
		1	0	×1		=Reserved
		1	0	0		=Type E PD
		0	1	1		=Type D PD
		0	1	0		=Type C PD
		0	0	1		=Type B PD
0	0	0	=Type A PD			

Comment 150

- ▶ Modified power available matrix- classes 10 – 15 added in a separate table
- ▶ Next slide shows all classes in one table

PD Class		PSE Class						
		Classes 0-9	30V reg			58V reg		
			10	11	12	13	14	15
Classes 0 -9		See Table 104-2	-	-	-	-	-	-
30V reg	10	-	X	X	X	-	-	-
	11	-	-	X	X	-	-	-
	12	-	-	-	X	-	-	-
58V reg	13	-	-	-	-	X	X	X
	14	-	-	-	-	-	X	X
	15	-	-	-	-	-	-	X

Comment 150

- Modified Power Available Matrix- in a single table- adding this seems difficult due to large size

		PSE Class																
		12V unreg		12V reg		24V unreg		24V reg		48V reg		30V reg			58V reg			
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
PD Class	12V unreg	0	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	
		1	-	X	X	X	-	-	-	-	-	-	-	-	-	-	-	
	12V reg	2	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	
		3	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	
	24V unreg	4	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-	
		5	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-	
	24V reg	6	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-	
		7	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	
	48V reg	8	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	
		9	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
	30V reg	10	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	
		11	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	
		12	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	
	58V reg	13	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X
		14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X
15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	

Thank You!

QUESTIONS? FEEDBACK?