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Title:				DP83867IS,	DP83867E			1	
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Change	е Туре:								
Ass	sembly Site			Design			Wafer	Bump Site	
Ass	sembly Process			Data Sheet			_	Bump Material	
	sembly Material			Part numbe	er change		Wafer	Bump Process	
	chanical Specifi			Test Site				Fab Site	
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	duct datasheet					Ν.			
The foll	owing change h	nistory p	rovides	further detai	ls.				
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Changes	from Revision B	(March 20	17) to Rev	ision C	SNL	.S504C -	OCTOBER	2015-REVISED DECEMBE	Page
10	I MANUAL CONTRACTOR OF THE PARTY OF THE PART			III III III III III III III III III II	21				
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. Adde	And the second s		_						32
	d Figure 19							ration	

Deleted mention of ALCD from Cable Diagnostics
Deleted subsection describing ALCD from Cable Diagnostics
Changed all mentions of "Fast Link Down" to "Fast Link Drop" in Fast Link Drop (FLD)
Added statement on disabling and re-enabling FLD in Fast Link Drop (FLD)
Added sentence about the polarity of MDI signals in Mirror Mode

	Changed note offer Table 6 to be a table note referen	and within the table		20		
	Changed note after Table 6 to be a table note referenced within the table.					
	Changed 'MMD3_PCS_CTRL' address to 'MMD3' register 0x0000 in PCS Restart					
	Deleted mention of MMD7 in PCS Restart.					
•	Added definition for register Bit Name type 'Strap' in Register Maps					
•	Deleted Advanced Link Cable Diagnostics Control Register (ALCD_CTRL)					
•						
•	Changed 'SGMII_EN' default in PHY Control Registe					
•	Changed 'MDI_CROSSOVER' default in PHY Contro					
•	Added PAP package default for 'SPEED_OPT_EN' in			CO91+6-		
•	Added Robust Auto MDIX Timer Configuration Regis					
•	Changed descriptions of bits 'FORCE_DROP' and 'FI		The second state of the se	A CONTRACTOR OF THE PARTY OF TH		
•	Added Fast Link Drop Threshold Configuration Regis					
•	Added 'INT_TST_MODE_1' to Configuration Register					
•	Changed 'PORT_MIRROR_EN' default in Configuration					
•	Added PAP package default for 'RGMII_EN' in RGMI					
•	Added Viterbi Module Configuration (VTM_CFG)			78		
•	Changed description of 'STRAP_FLD' from "Fast Link Register 2 (STRAP_STS2)			80		
•	Added BIST Control and Status Register 3 (BICSR3)			81		
•	Added BIST Control and Status Register 4 (BICSR4)			81		
	Changed 'RGMII_TX_DELAY_CTRL' default value in RGMII Delay Control Register (RGMIIDCTL)					
	Changed 'RGMII_RX_DELAY_CTRL' default value in RGMII Delay Control Register (RGMIIDCTL)					
	Added PLL Clock-out Control Register (PLLCTL)					
	Added DSP Feedforward Equalizer Configuration (DSP_FFE_CFG)					
	Changed description of '10M_SGMIIL_RATE_ADAPT' in 10M SGMII Configuration (10M_SGMII_CFG)					
	Added TDR registers 0x0190 to 0x01A4					
	Added Programmable Gain Register (PROG_GAIN).					
	Changed 'PCS_RESET' description in MMD3 PCS Control Register (MMD3_PCS_CTRL)					
	Changed capacitor value in Figure 27 and added footnotes					
	Added requirements for 2.5-V clock source capacitors in Clock In (XI) Recommendation					
•	Added Figure 29					
	Added "RMS Jitter" to Table 133					
	Added Clock Out (CLK_OUT) Phase Noise					
	Changed capacitor placement in Figure 32 and footne					
	Changed capacitor placement in Figure 33 and footn					
The	datasheet number will be changing.					
De	evice Family	Change From:	Change To:			
DF	DP83867CS, DP83867IS, DP83867E SNLS504B SNLS504C					
The	se changes may be reviewed at the datas	sheet links provided.				
	http://www.ti.com/product/DP83867CS					
Rea	ason for Change:					

To accurately reflect device characteristics.

# Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

# **Changes to product identification resulting from this PCN:**

None.

### **Product Affected:**

DP83867CSRGZR	DP83867CSRGZT	DP83867ERGZR	DP83867ERGZT
DP83867ISRGZR	DP83867ISRGZT		

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