

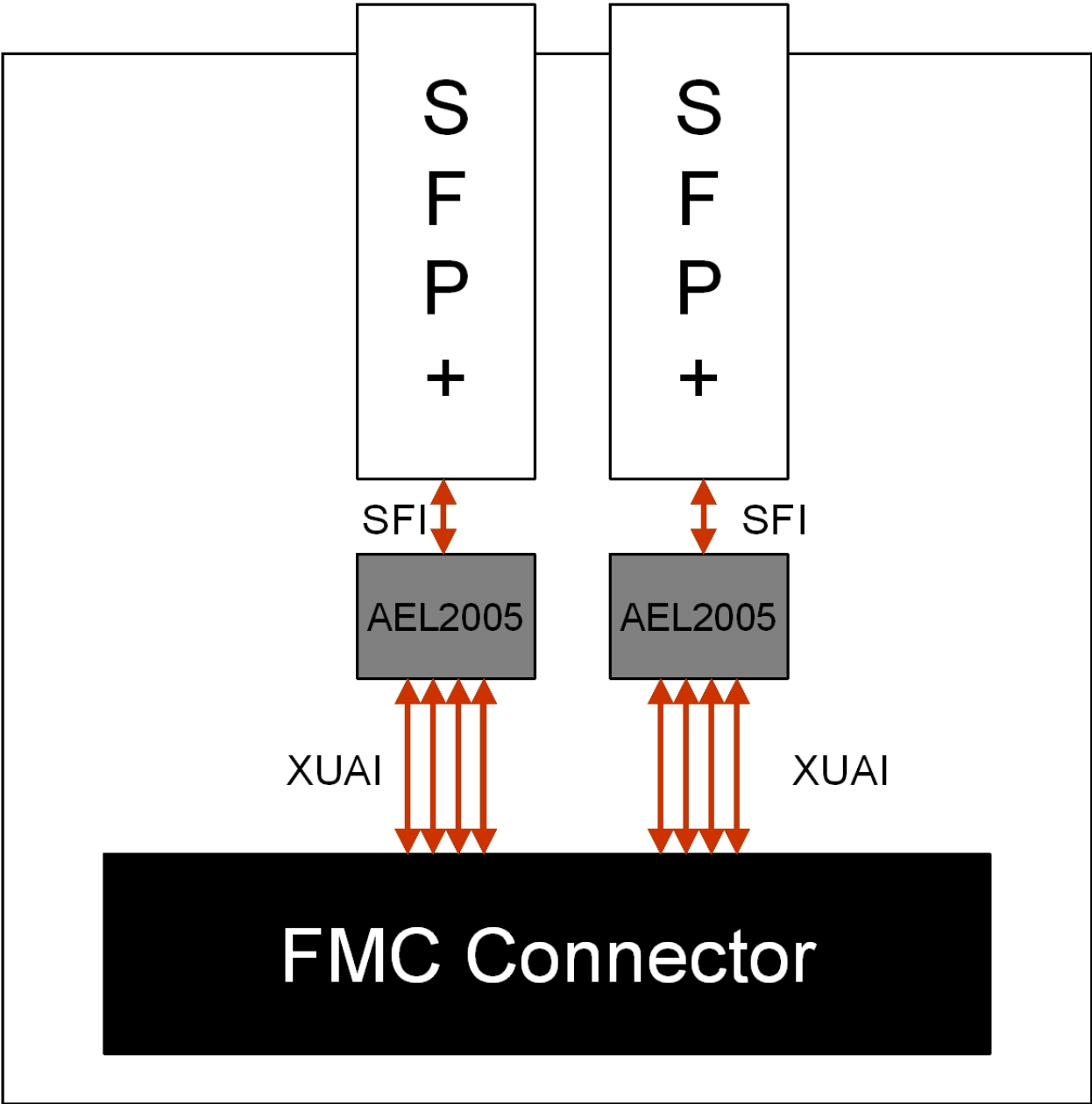


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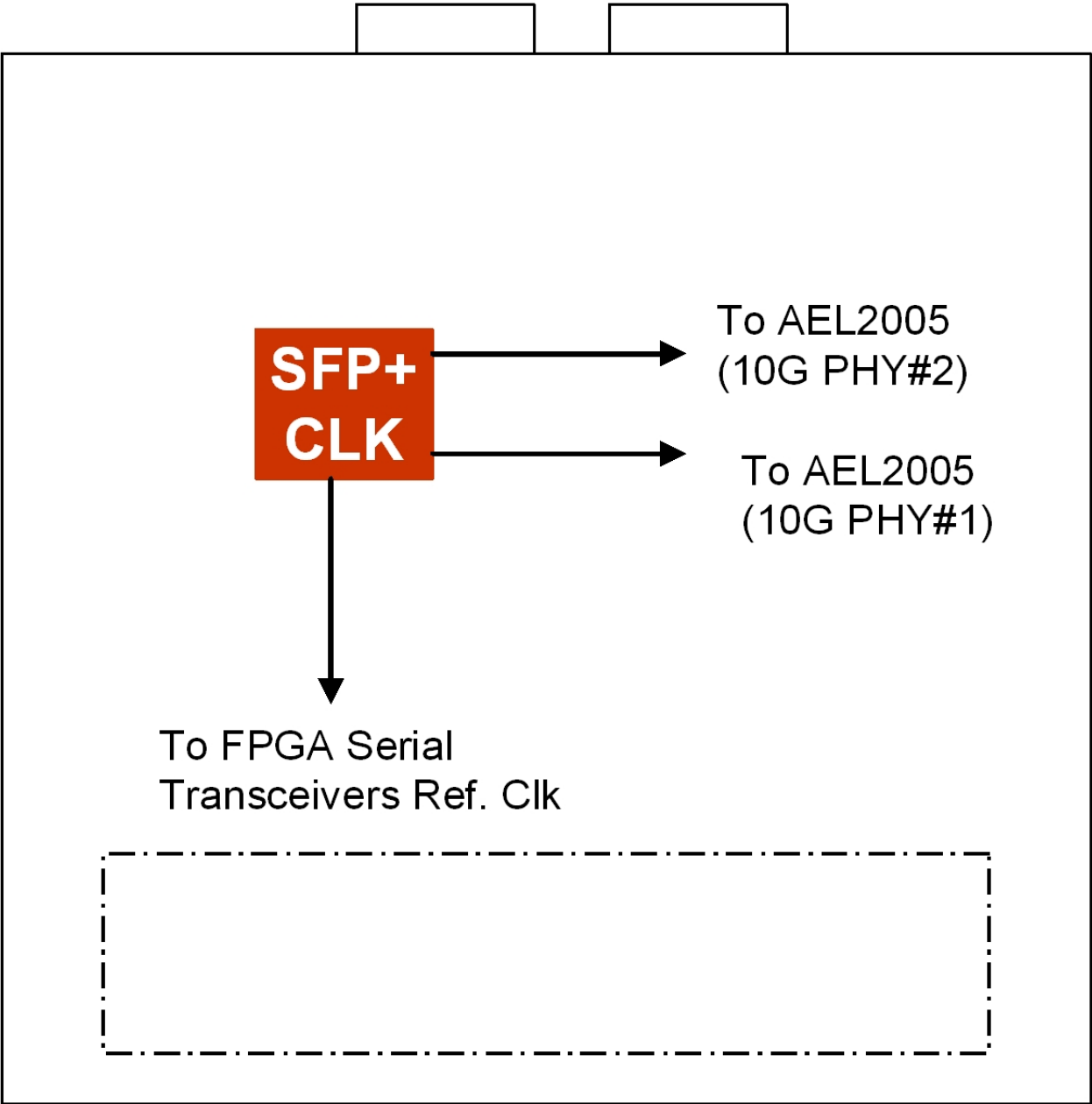
FINAL VERSION

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CONTRACT NO.		HTG-FMC-SFP-PLUS			
APPROVALS		DATE		Note Page	
DRAWN					
CHECKED					
ISSUED					
		SIZE	FSCM NO.	DWG. NO.	REV
		C			3.0
		SCALE	15-12-2010_13:12	SHEET 1 of 8	



Component Side



Top Side

CONTRACT NO.		HTG-FMC-SFP-PLUS			
APPROVALS		DATE		Block Diagram	
DRAWN					
CHECKED					
ISSUED					
		SIZE	FSCM NO.	DWG. NO.	REV
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D

C

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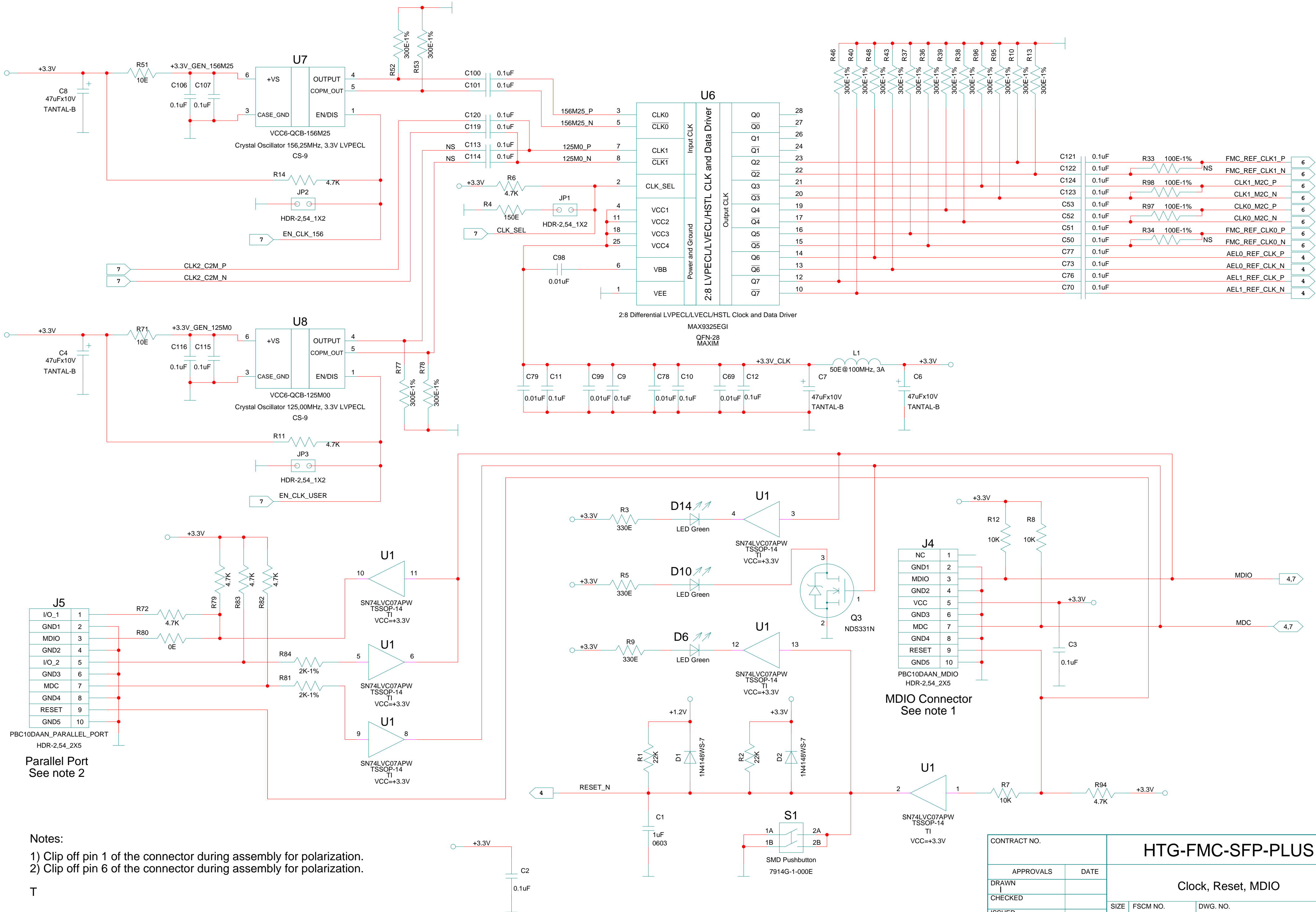
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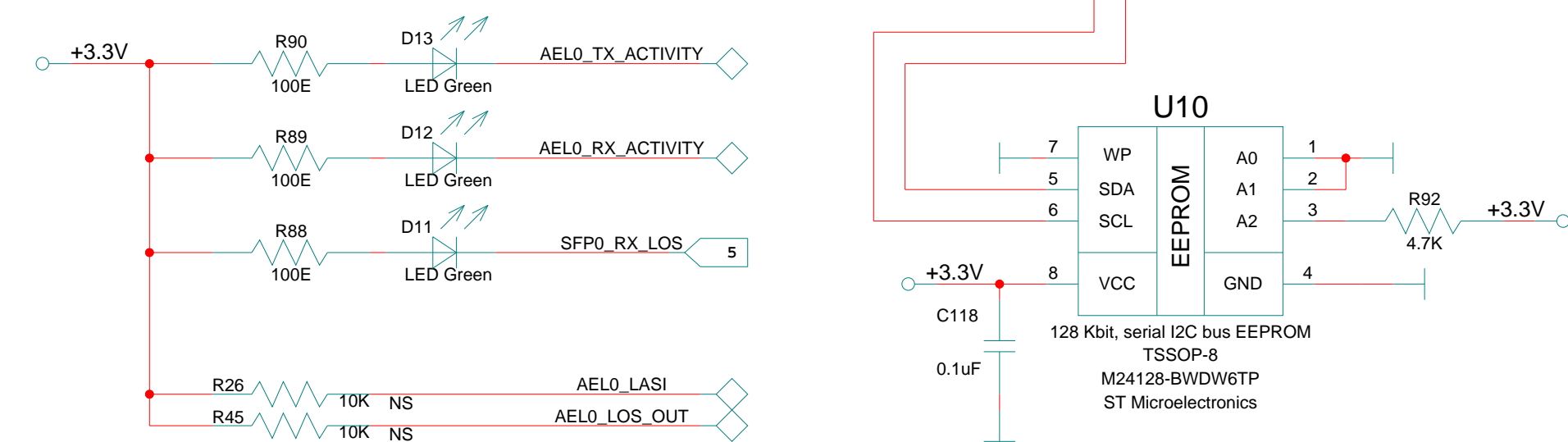
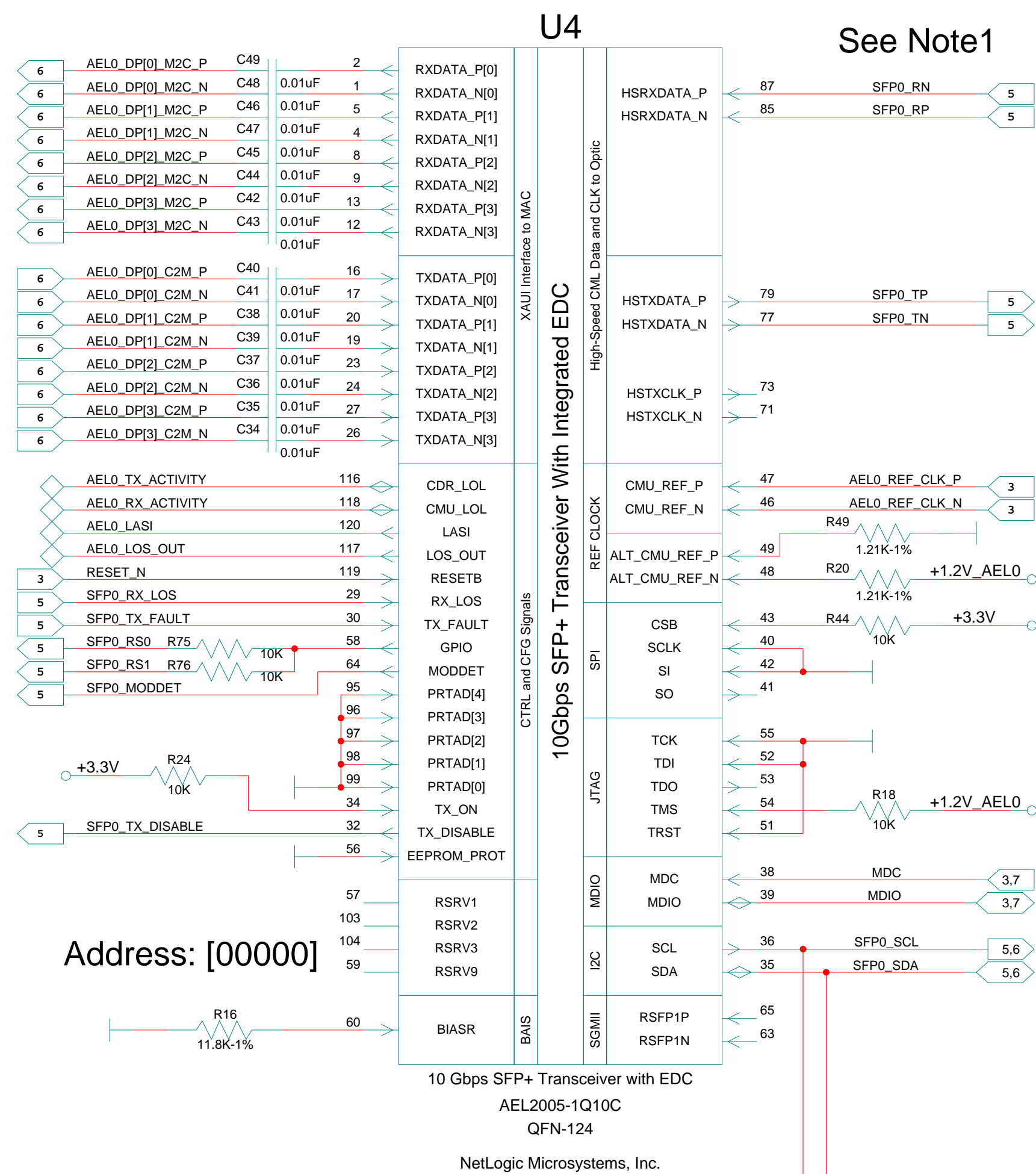
REV

SH

DWG. NO.

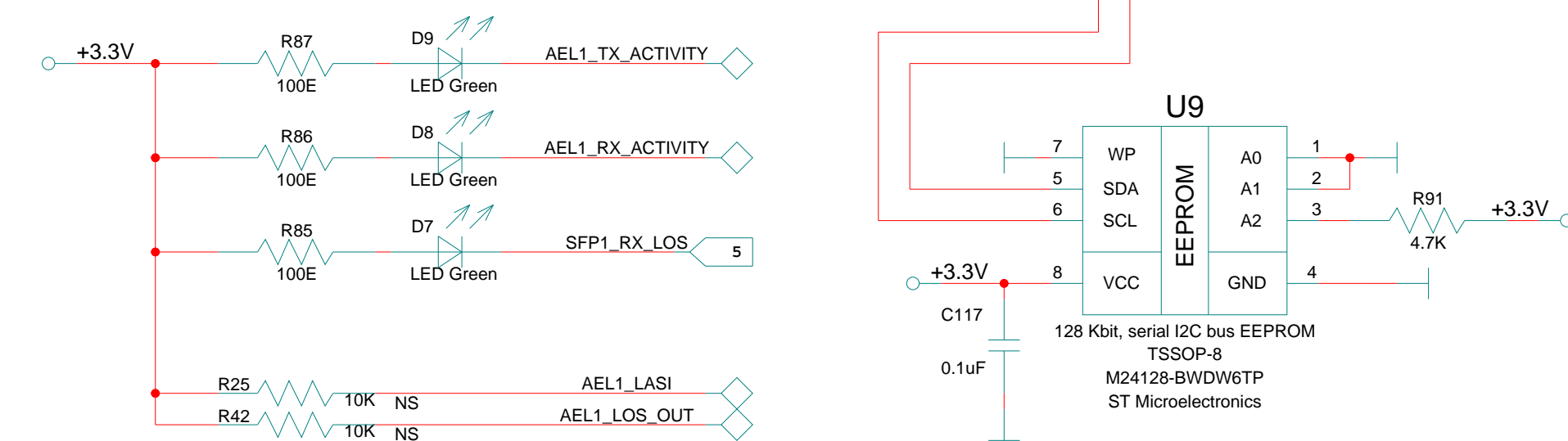
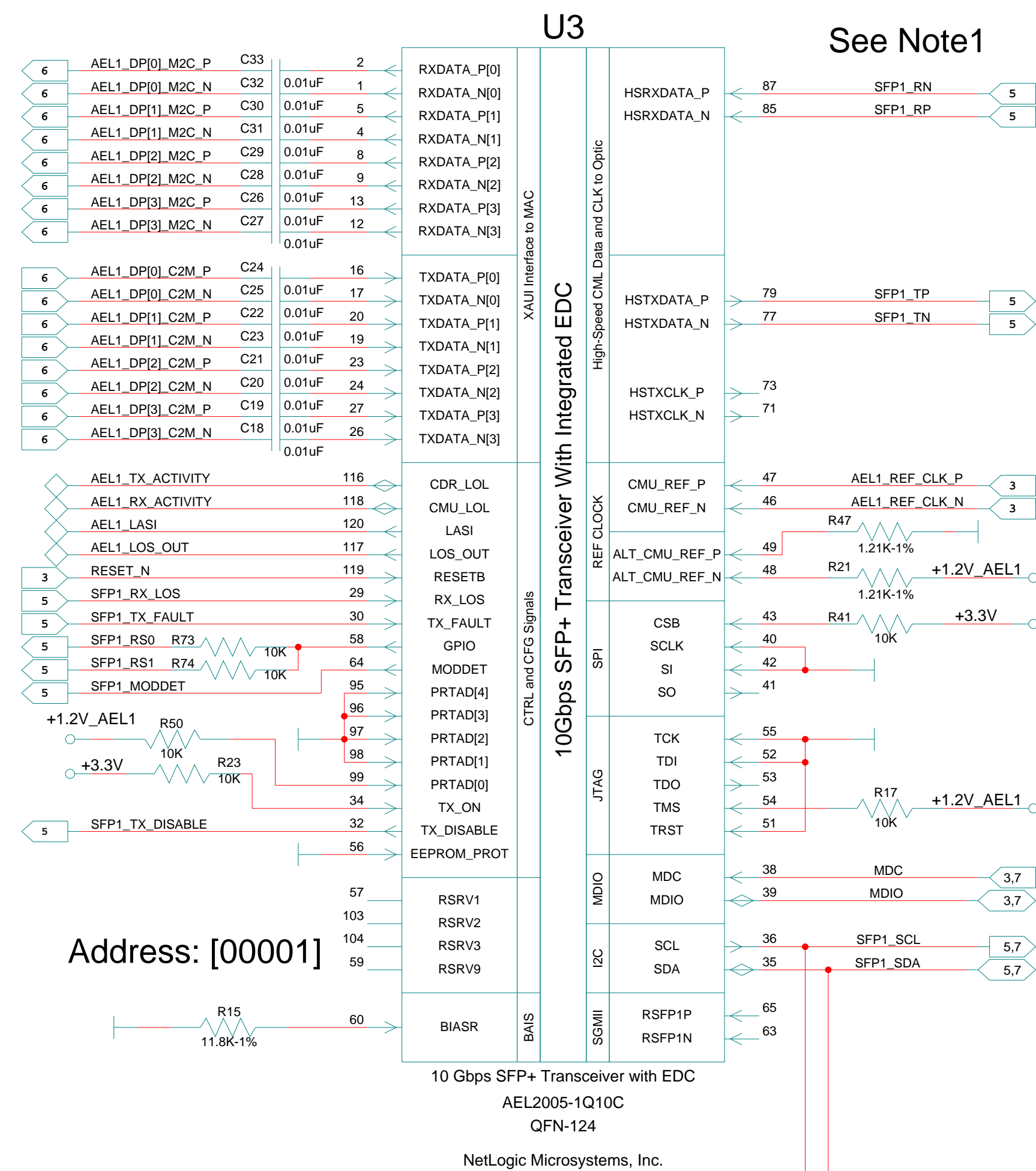
A





Note1:

For layout convenience, Aeluros recommends connecting the positive 10Gbps receiver input pin (HSRXDATA_P) of the AEL2005 to the negative receiver output pin (RD-) of the SFP+ connector and the negative 10Gbps receiver input pin (HSRXDATA_N) to the positive receiver output pin (RD+). The polarity of the 10Gbps receiver input of the AEL2005 is flipped back to match the polarity of the SFP+ connector by setting register 1.C01F.5 = 1.



CONTRACT NO.		HTG-FMC-SFP-PLUS			
APPROVALS	DATE	AEL2005 (IO)			
DRAWN					
CHECKED					
ISSUED					
		SIZE C	FSCM NO.	DWG. NO.	REV 3.0
		SCALE	10-12-2010_14:51	SHEET 4 of 8	

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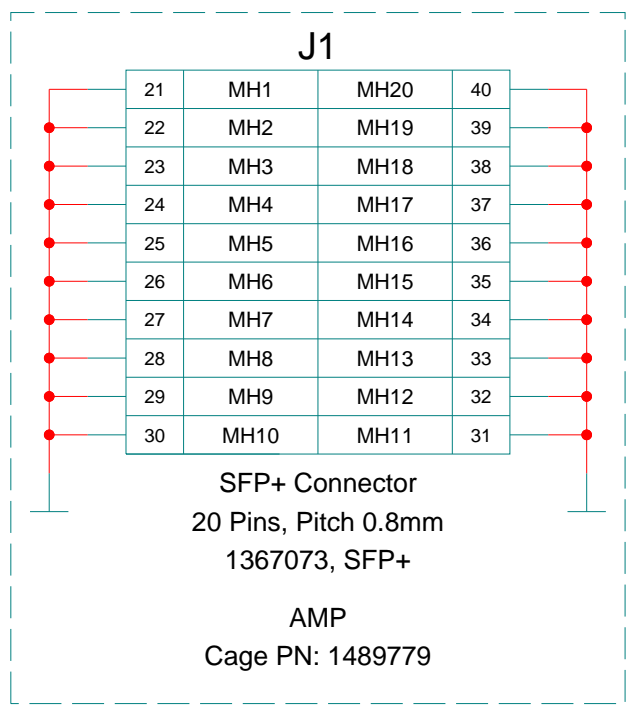
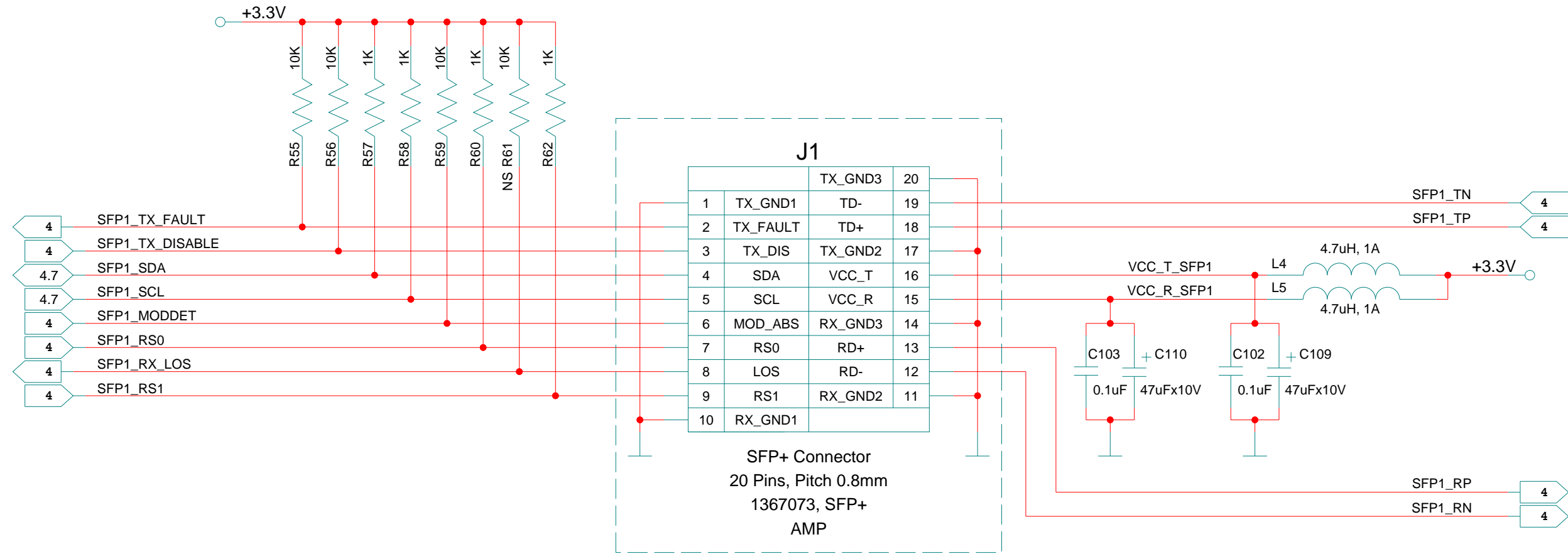
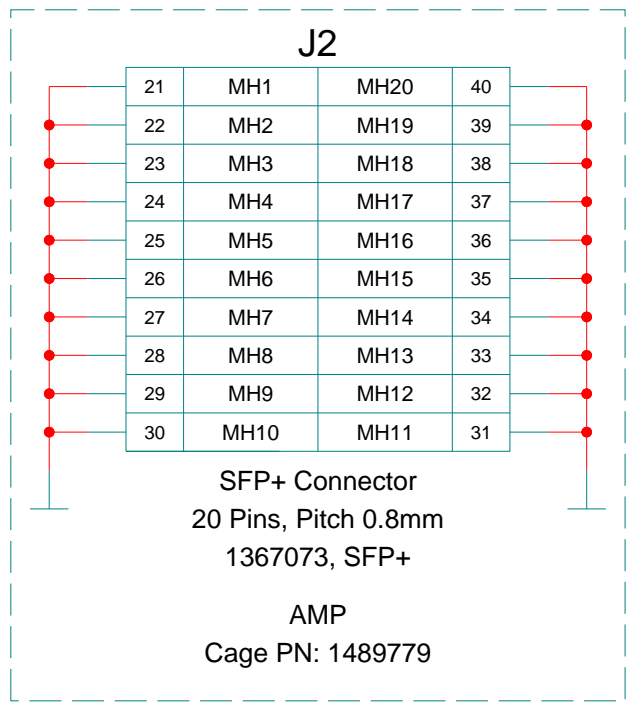
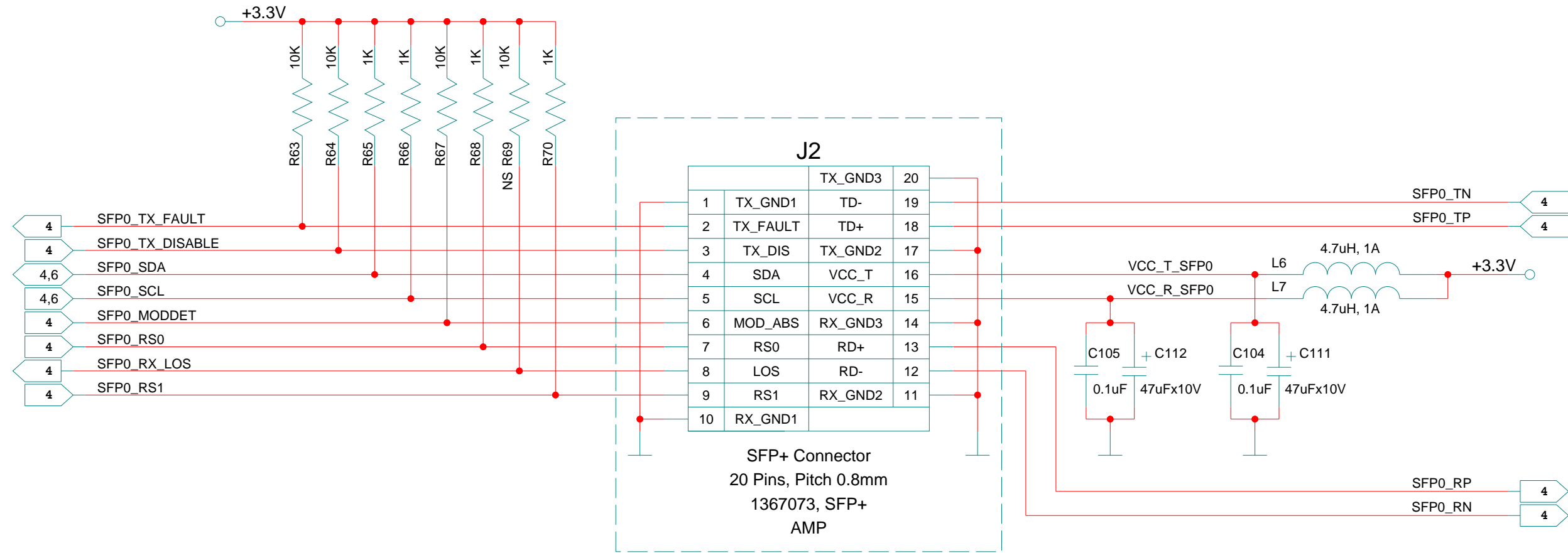
D

C

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CONTRACT NO.		HTG-FMC-SFP-PLUS				
APPROVALS		DATE		SFP+		
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CHECKED						
ISSUED						
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D

C

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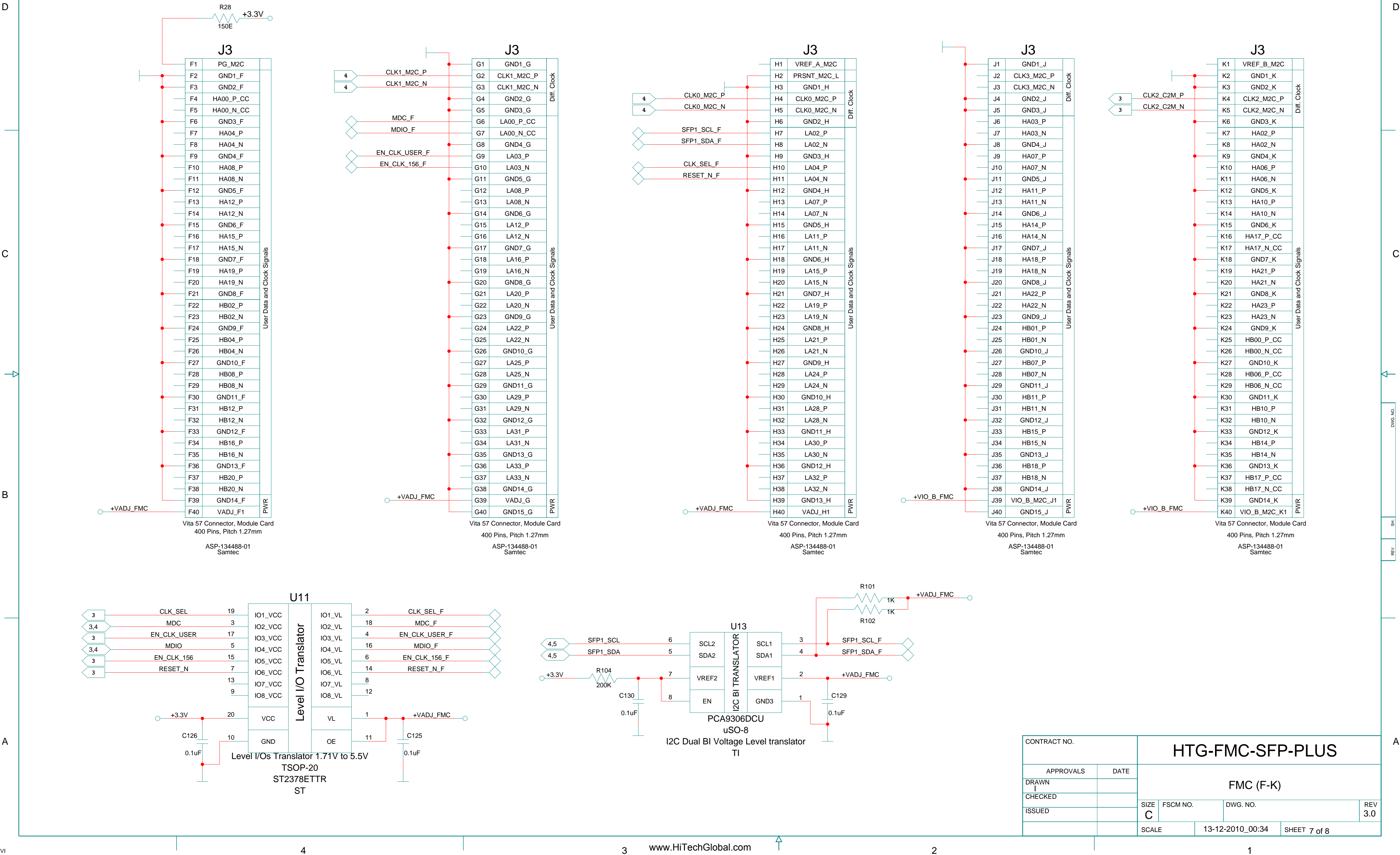
C

SH

REV

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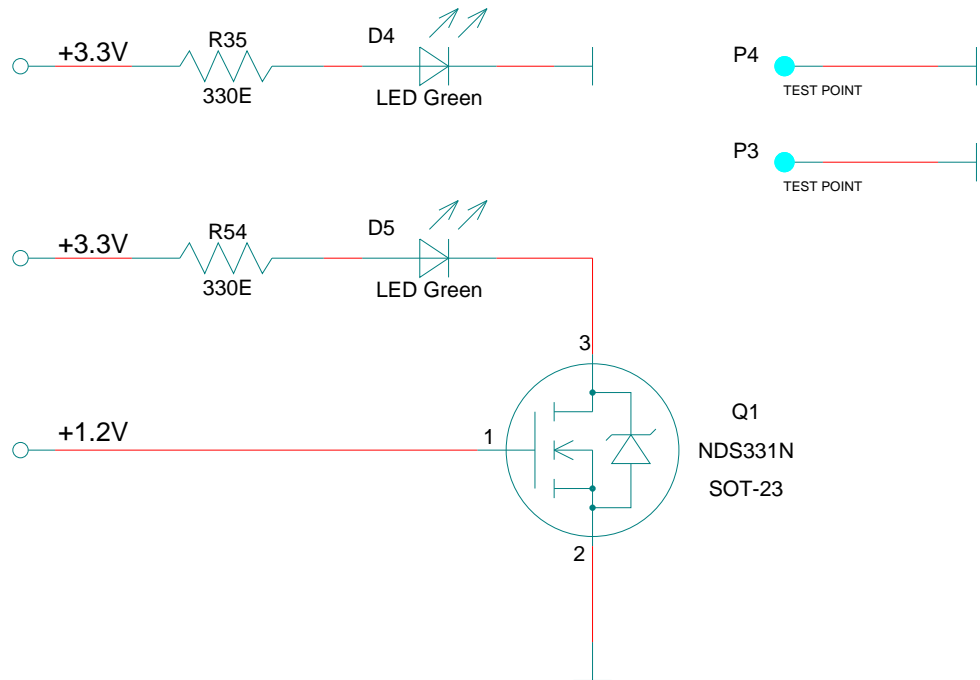
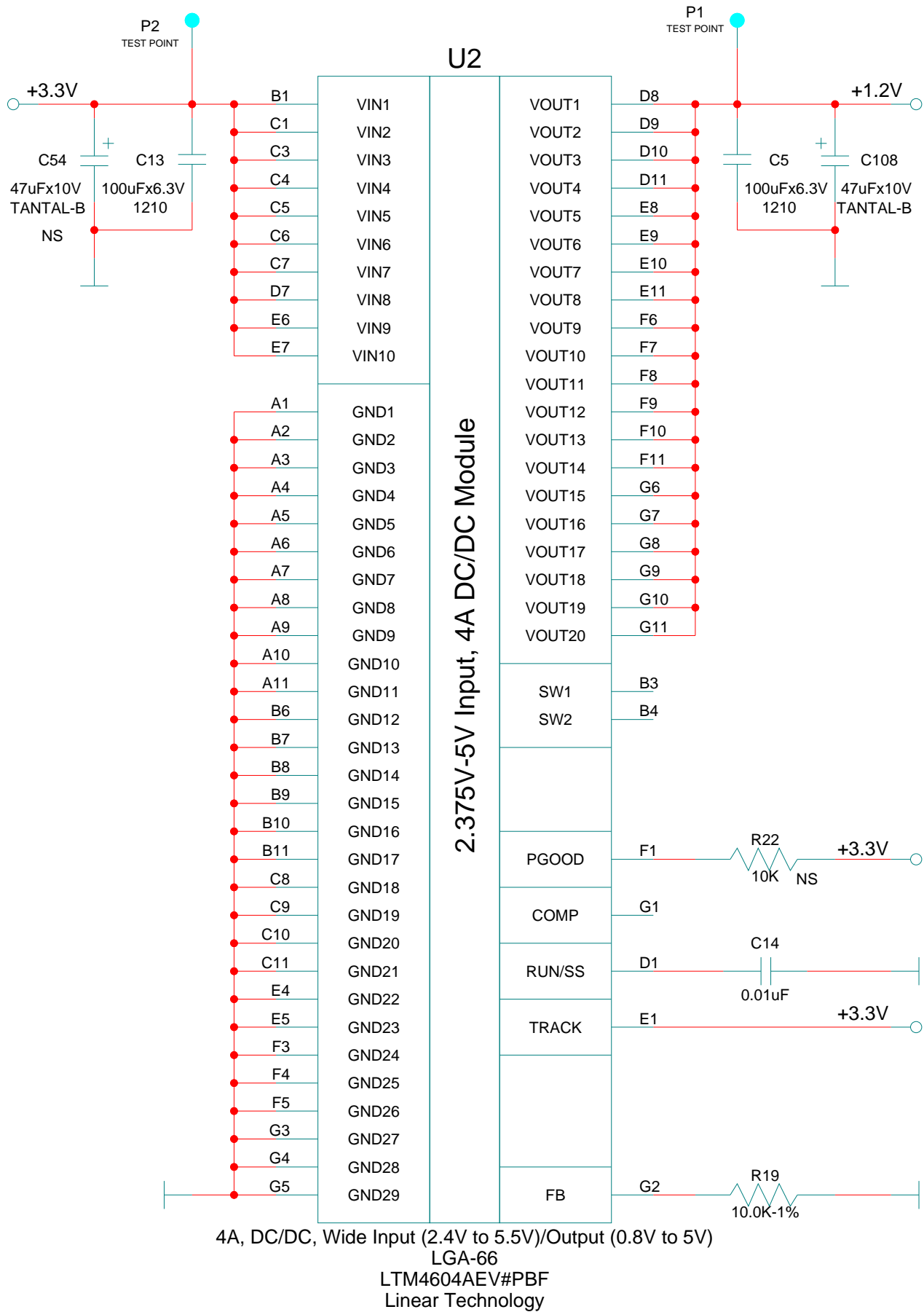
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CHECKED						
ISSUED						
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D

C

B

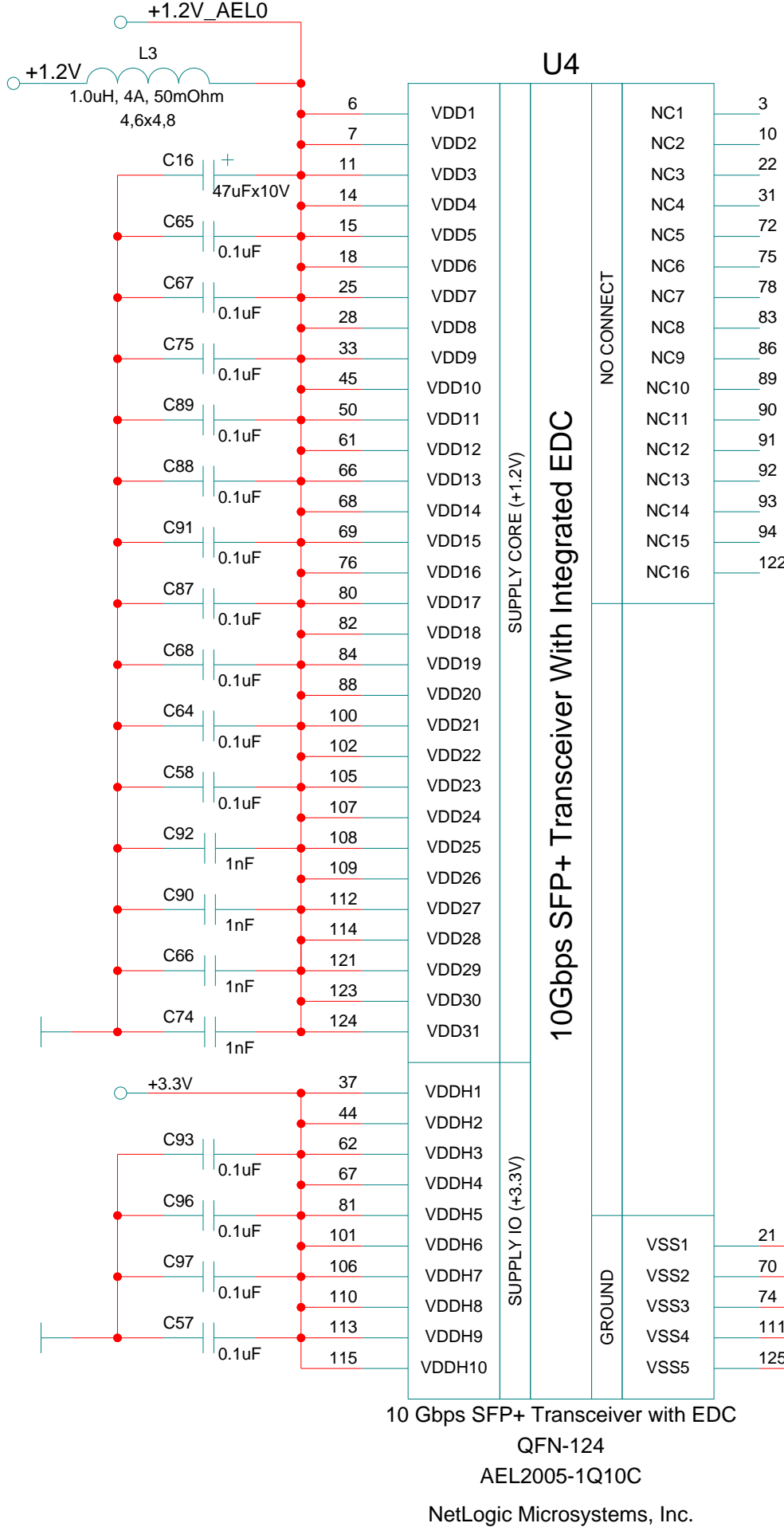
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3

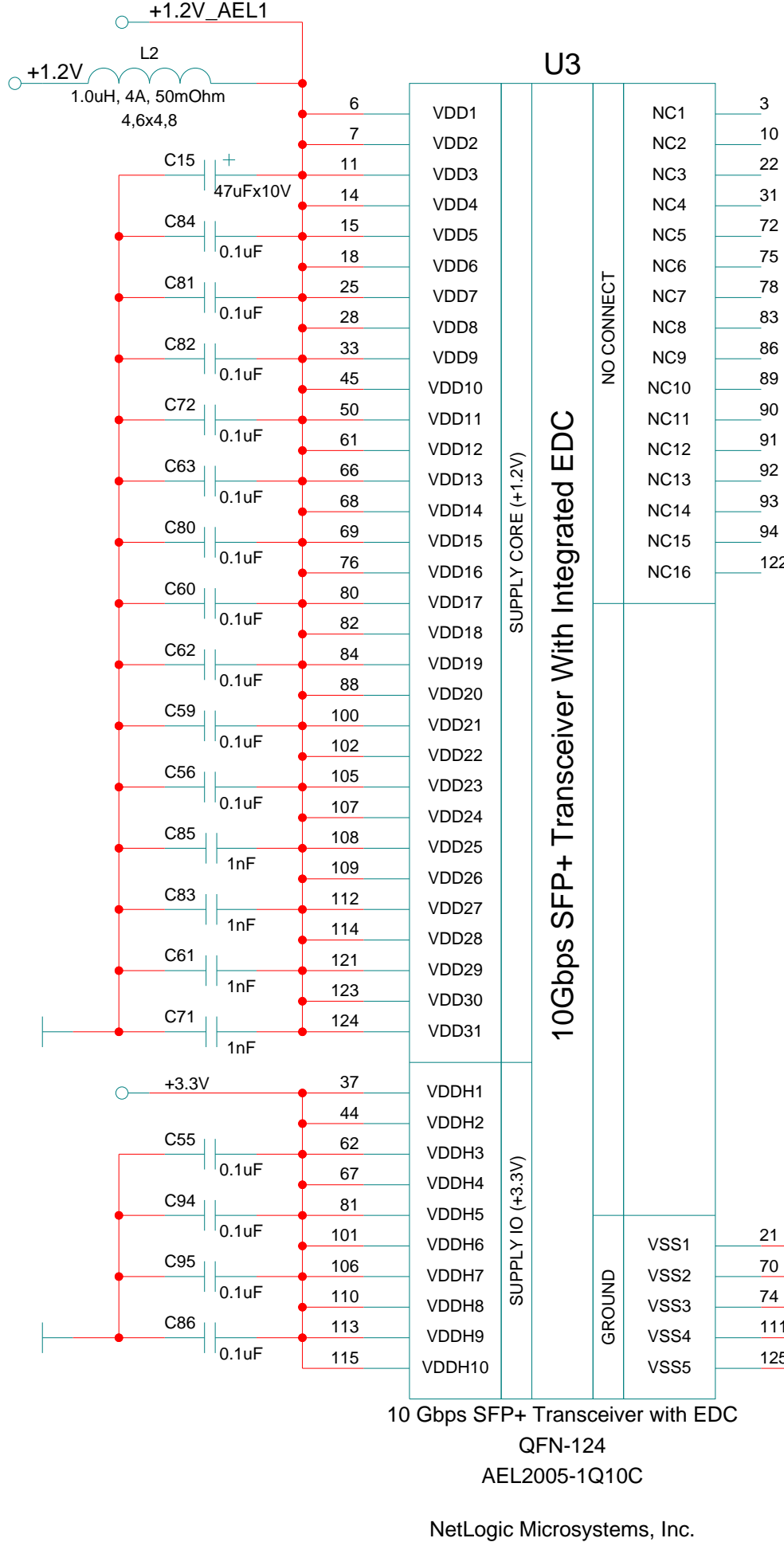
3

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2

2



1

1

CONTRACT NO.		HTG-FMC-SFP-PLUS				
APPROVALS		DATE		AEL2005 (PWR), DC/DC		
DRAWN						
CHECKED						
ISSUED						
		SIZE	FSCM NO.	DWG. NO.		REV
		C				3.0
		SCALE		10-12-2010_14:51		SHEET 8 of 8