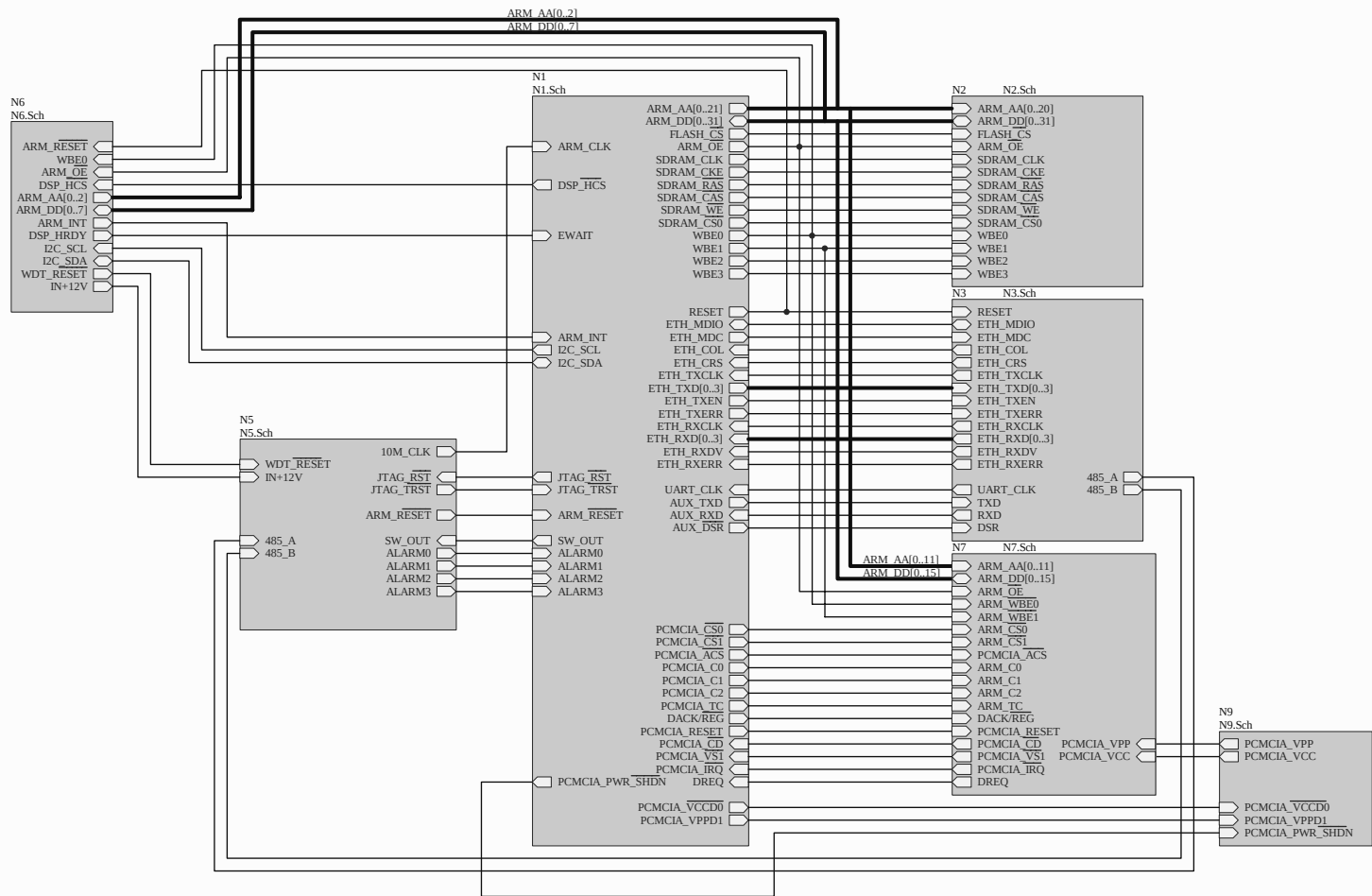
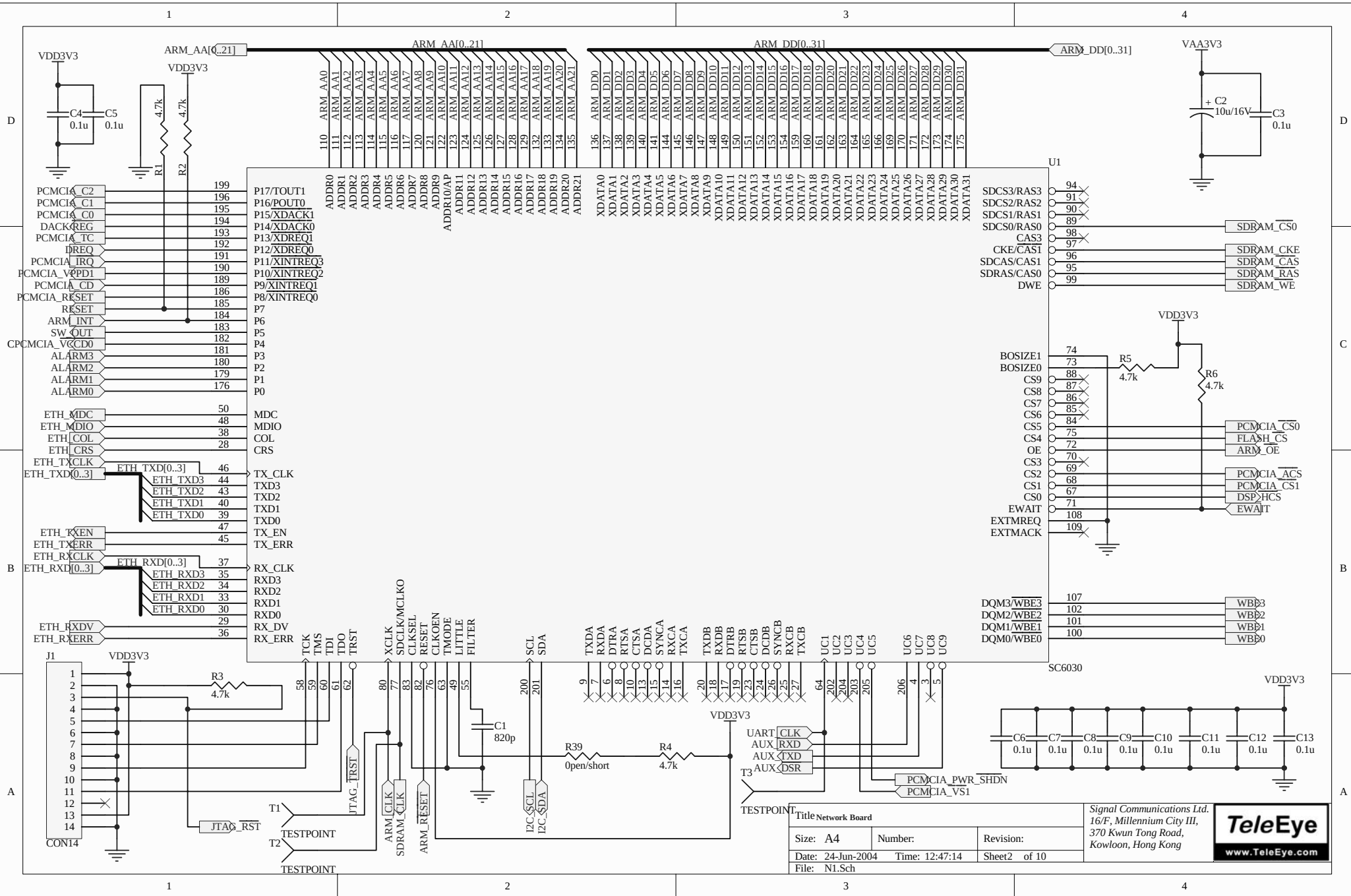
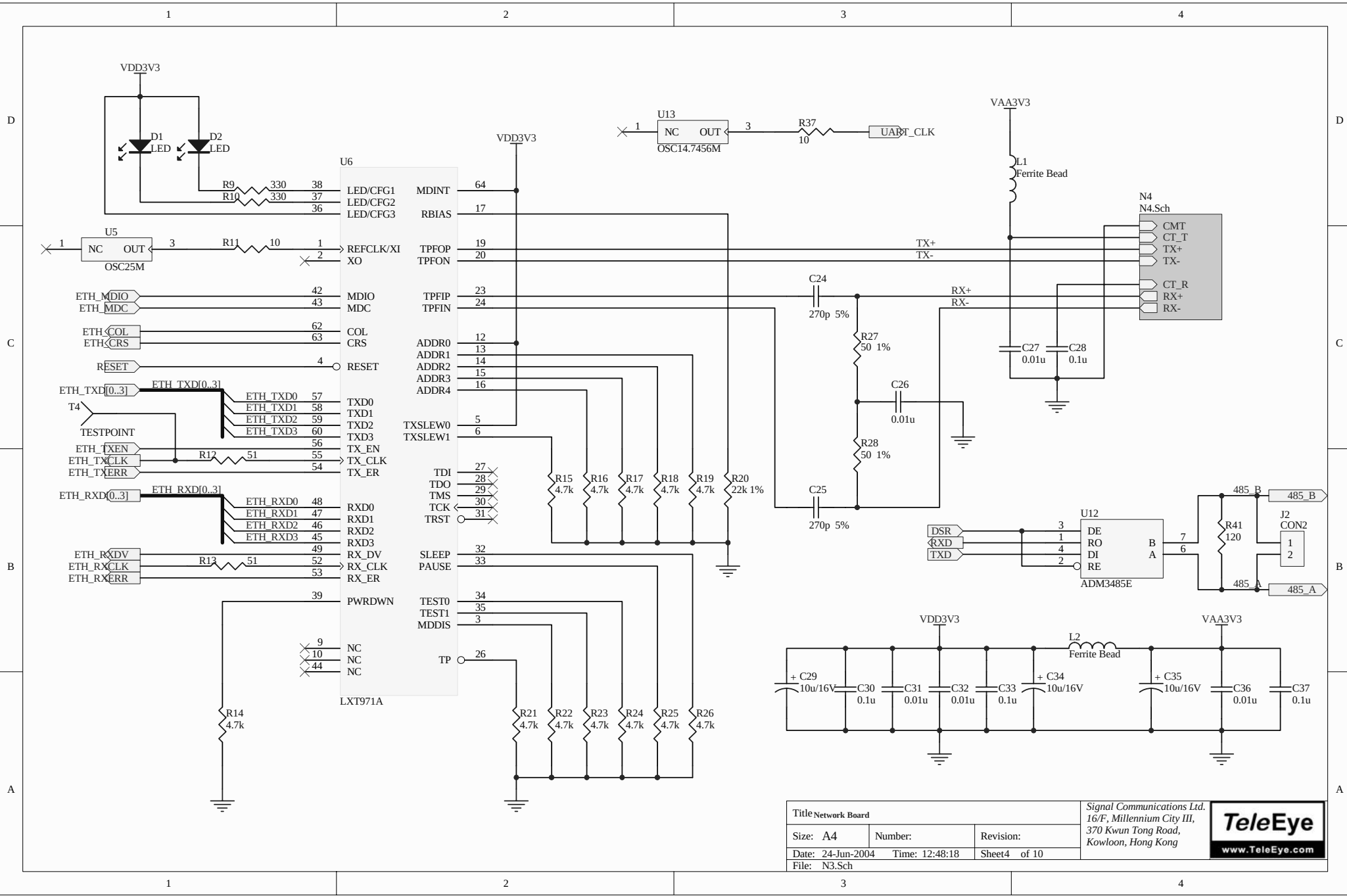
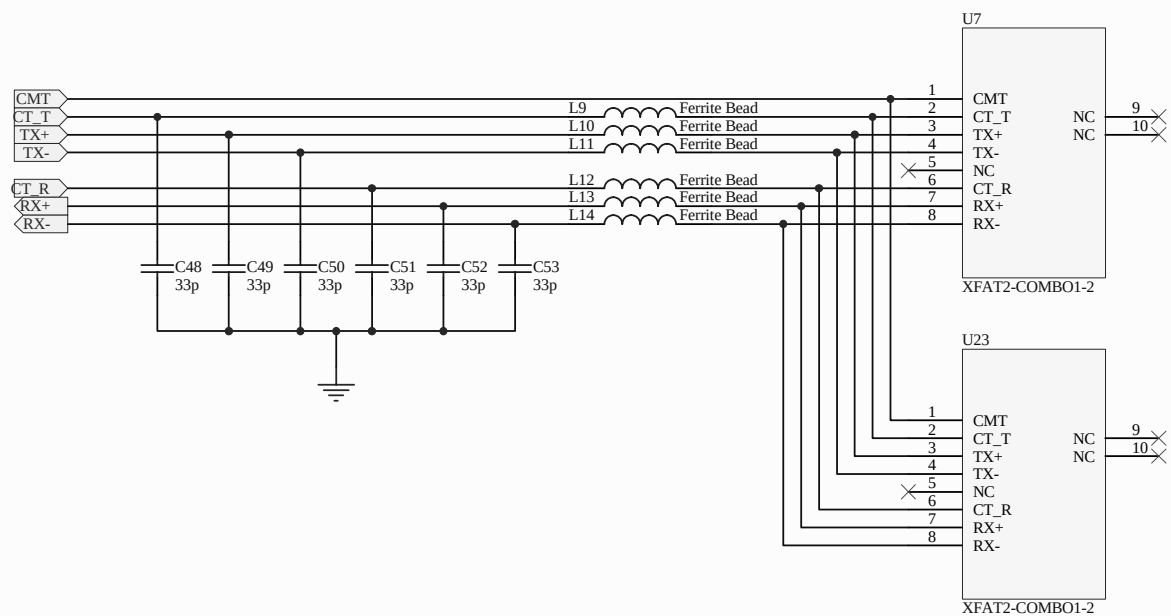
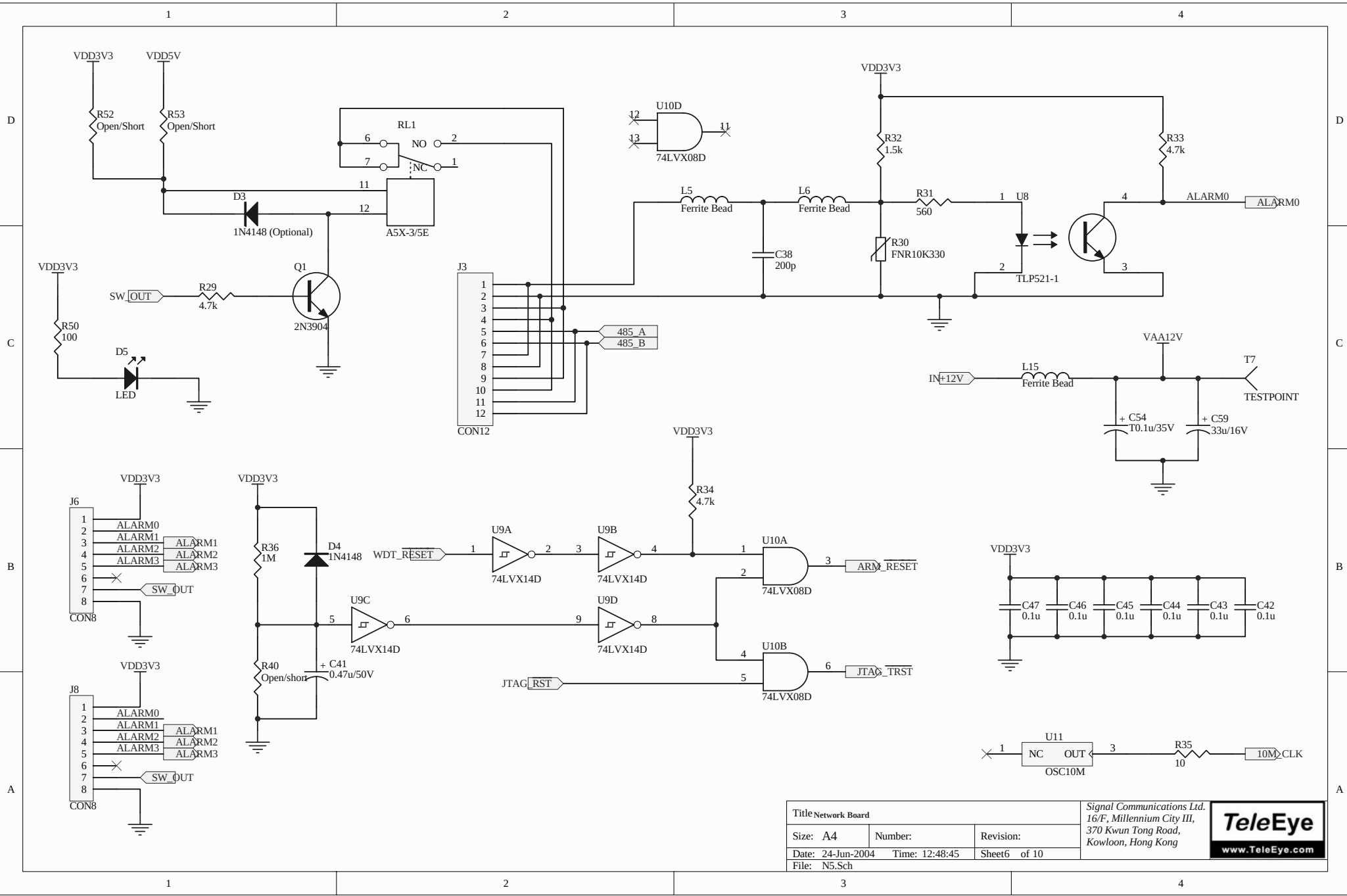












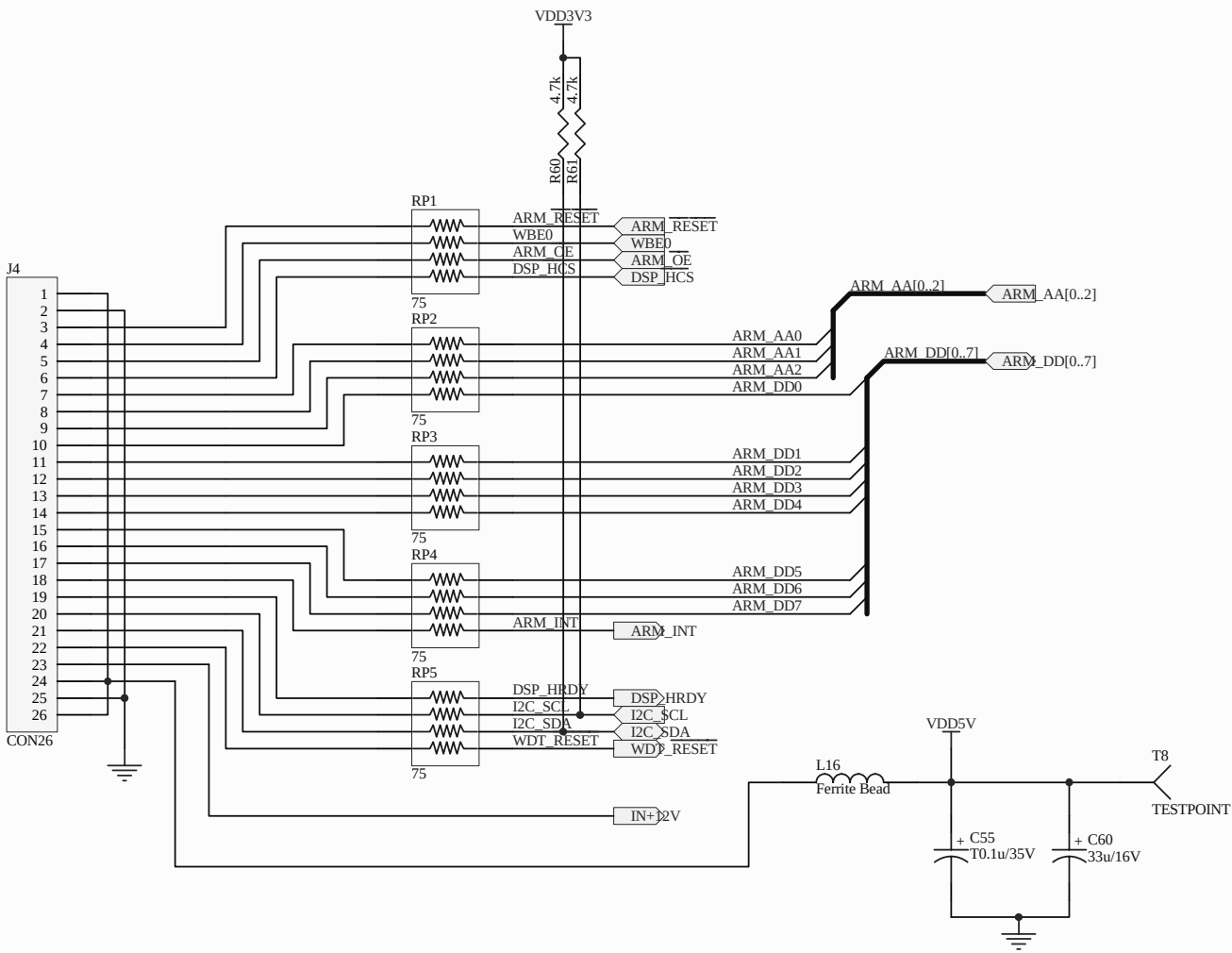
Title Network Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong TeleEye www.TeleEye.com
Size: A4	Number:	Revision:	
Date: 24-Jun-2004	Time: 12:48:45	Sheet 6 of 10	
File: N5.Sch			

1

2

3

4



Title Network Board

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Number:

Revision:

Date: 24-Jun-2004

Time: 12:48:59

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File: N6.Sch

Signal Communications Ltd.
16/F, Millennium City III,
370 Kwun Tong Road,
Kowloon, Hong Kong

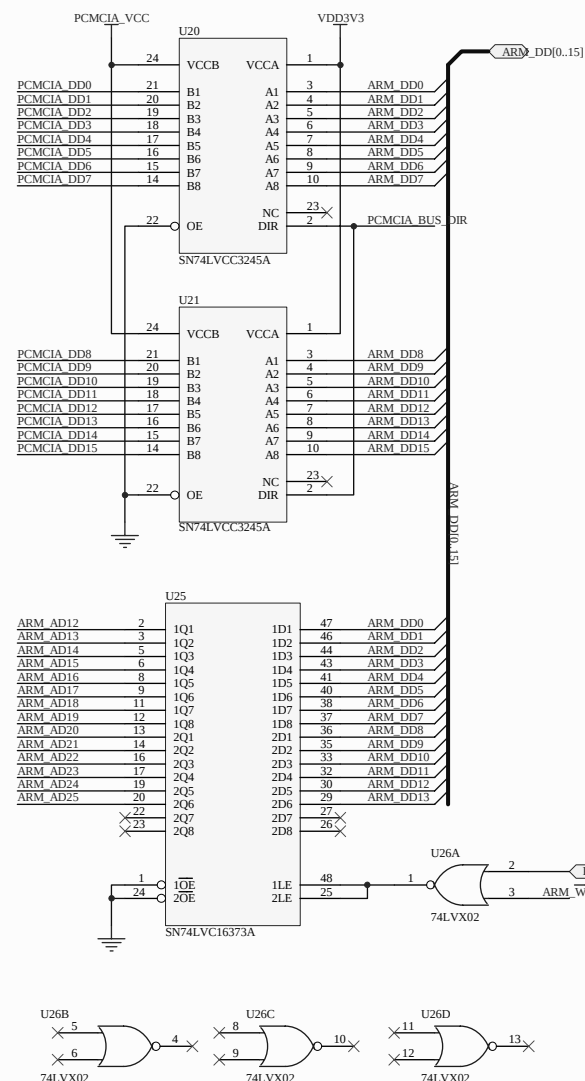
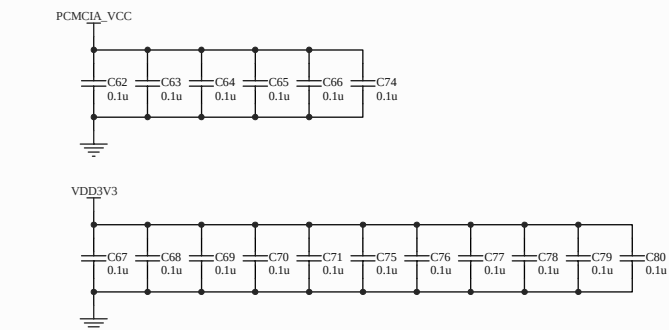
TeleEyewww.TeleEye.com

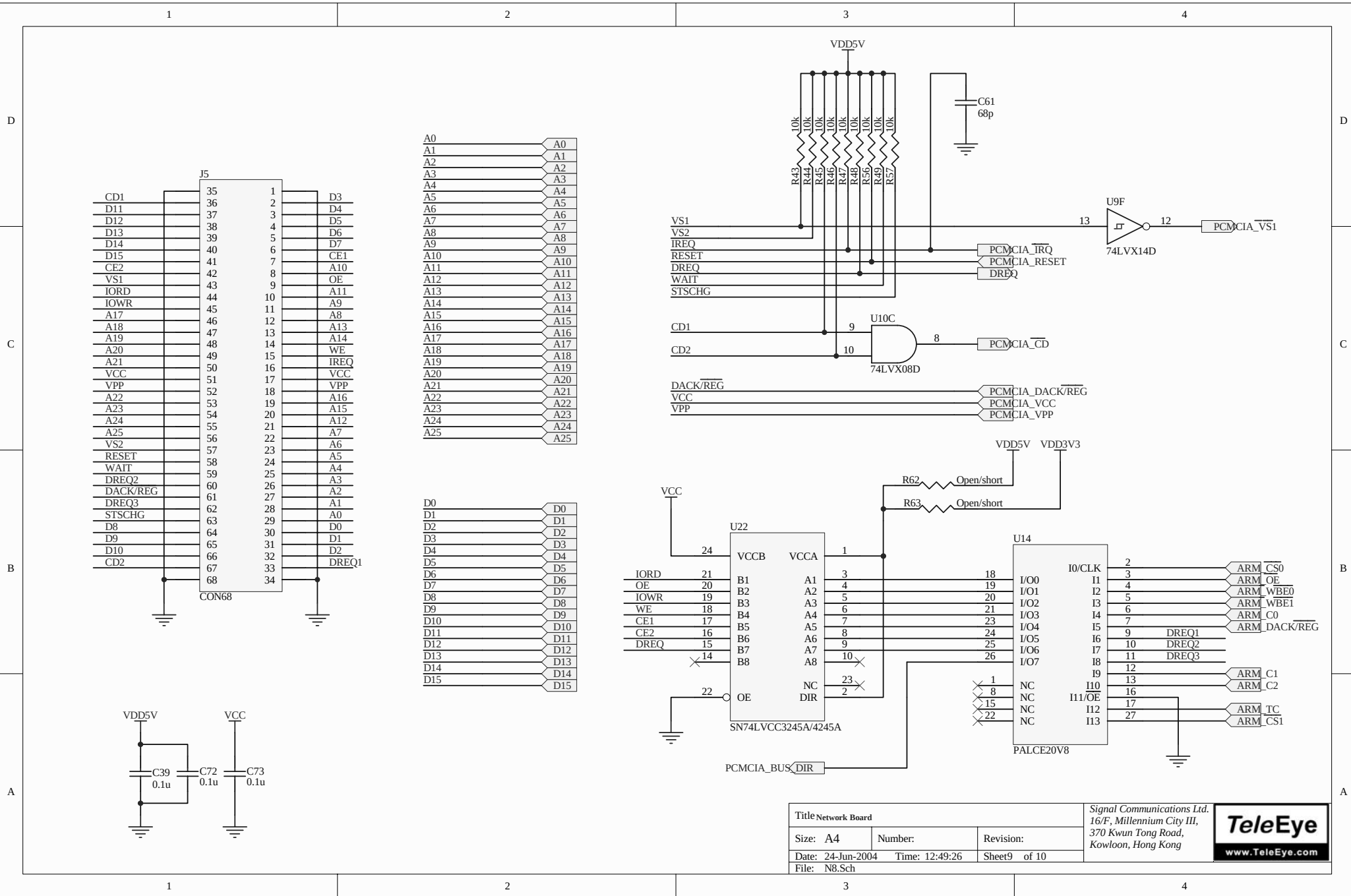
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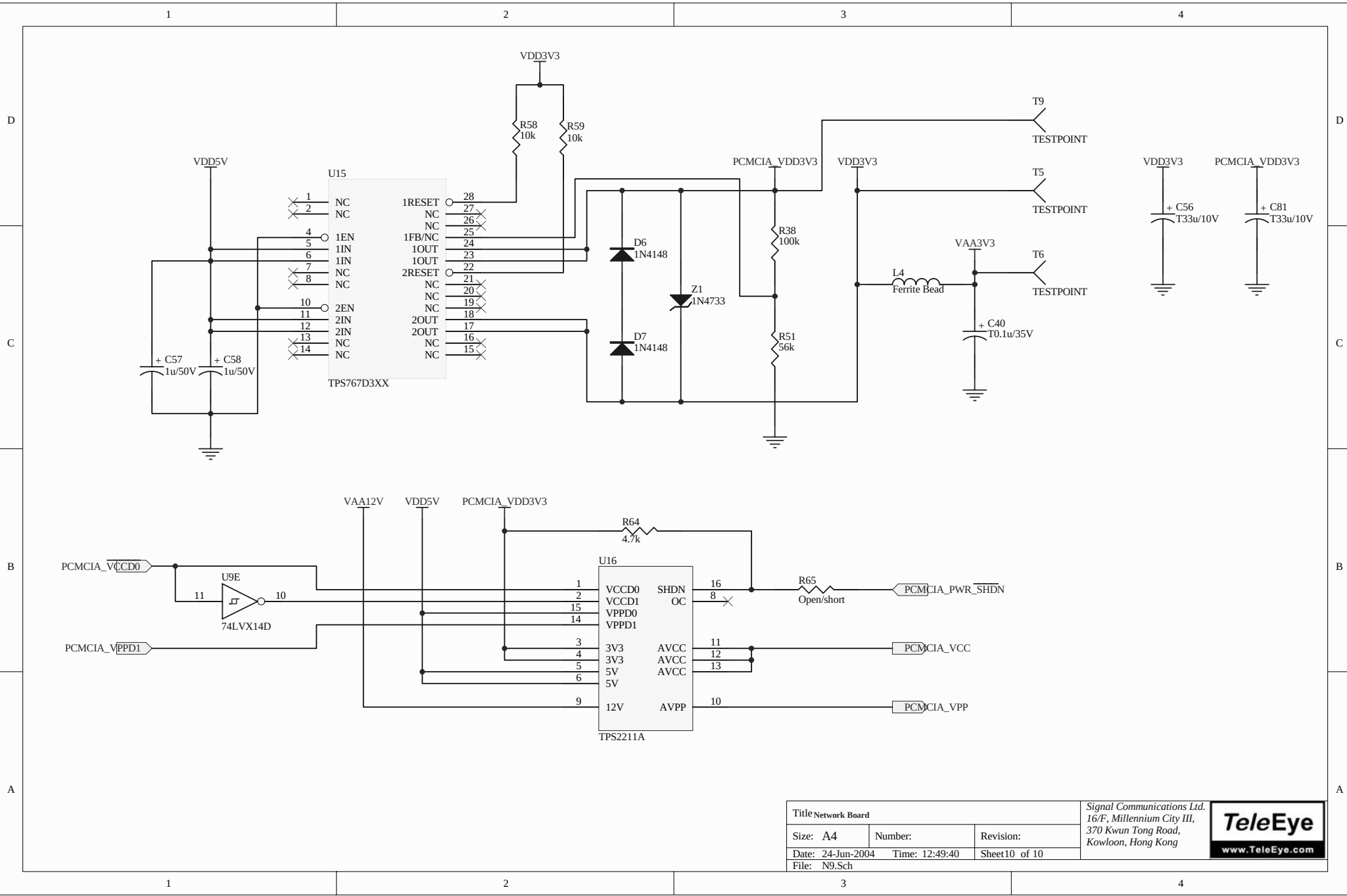
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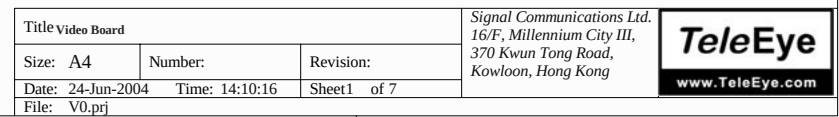
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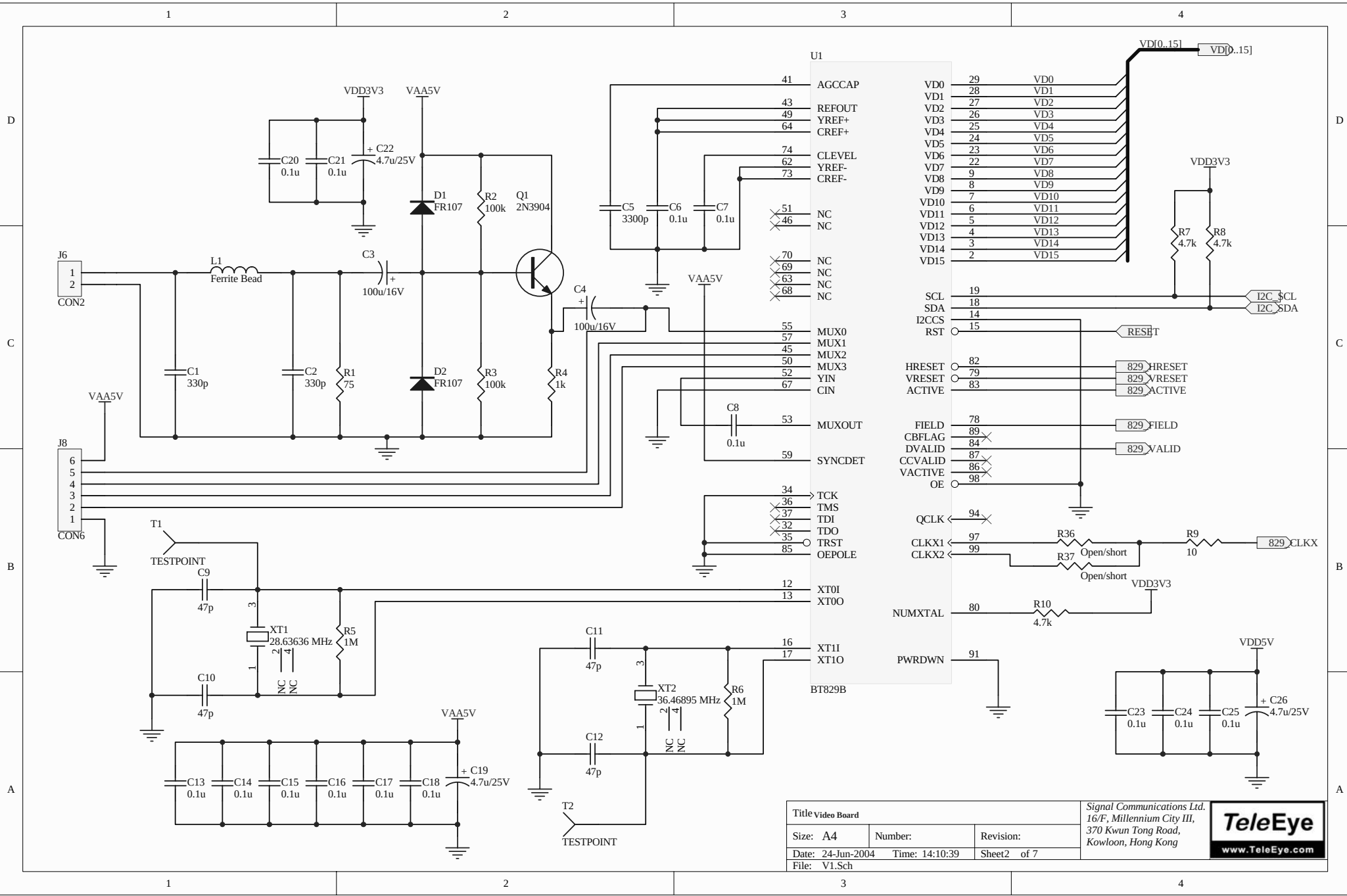


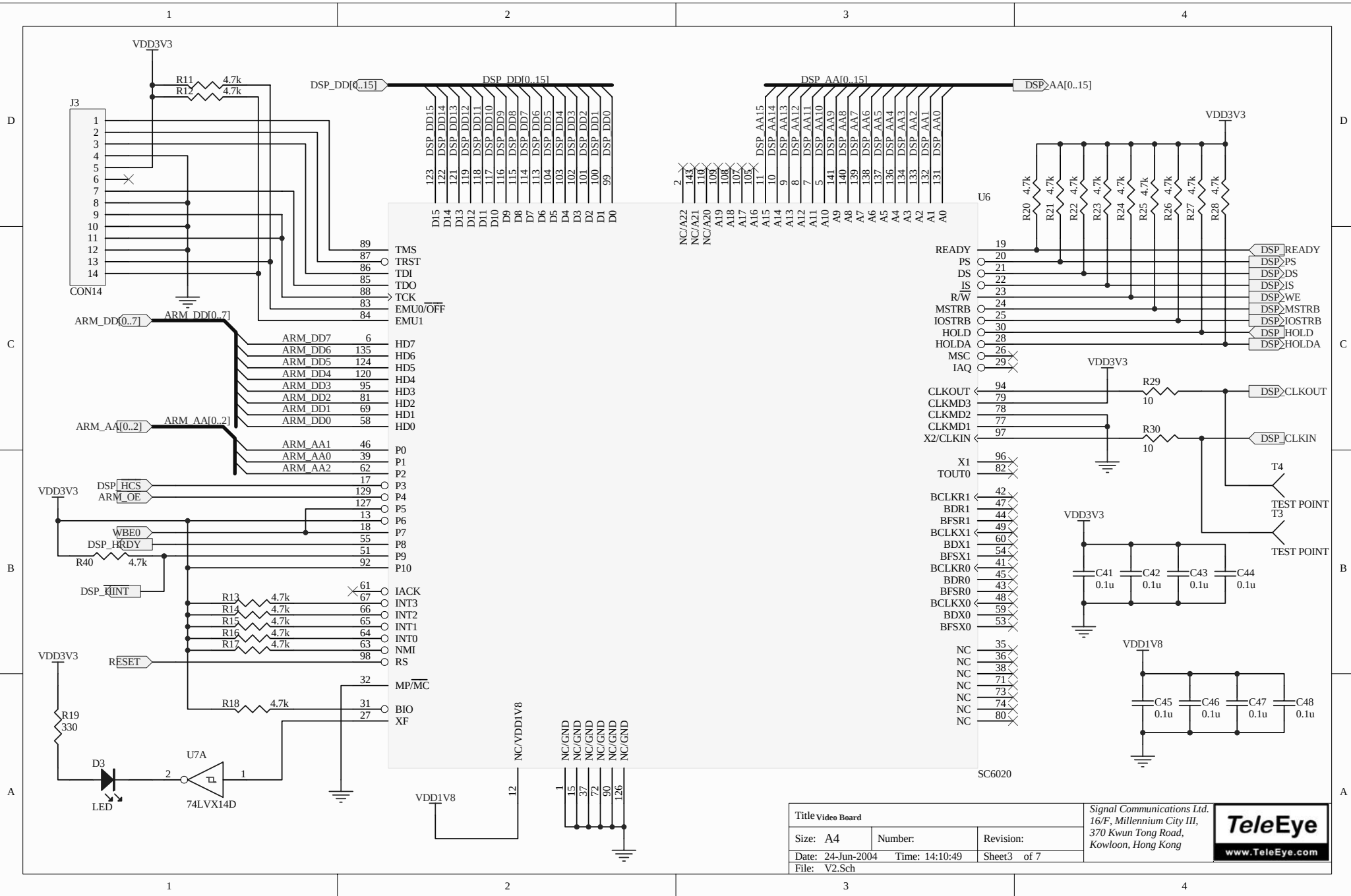


Title Network Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong	TeleEye www.TeleEye.com
Size: A4	Number:	Revision:		
Date: 24-Jun-2004	Time: 12:49:26	Sheet9 of 10		
File: N8.Sch				

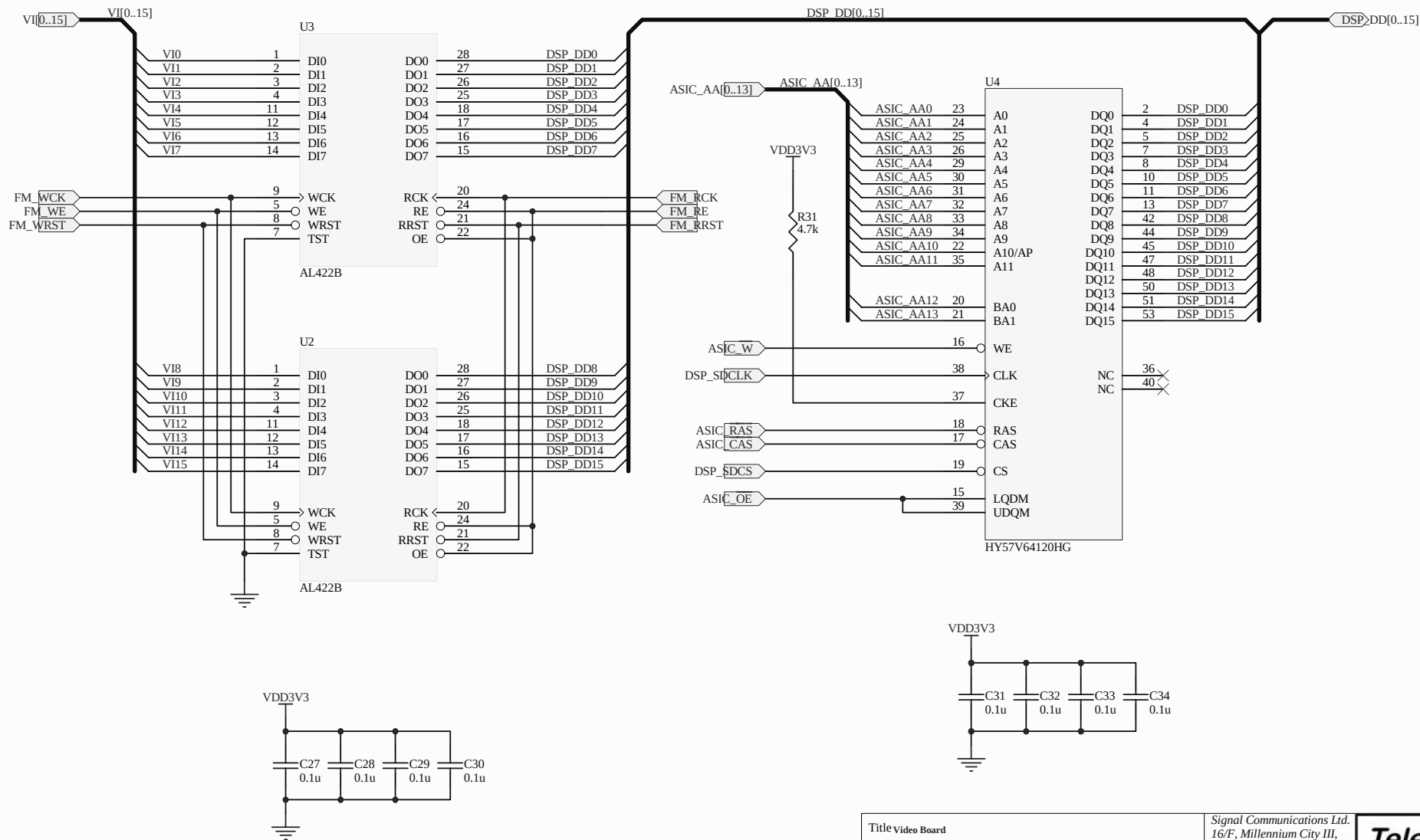




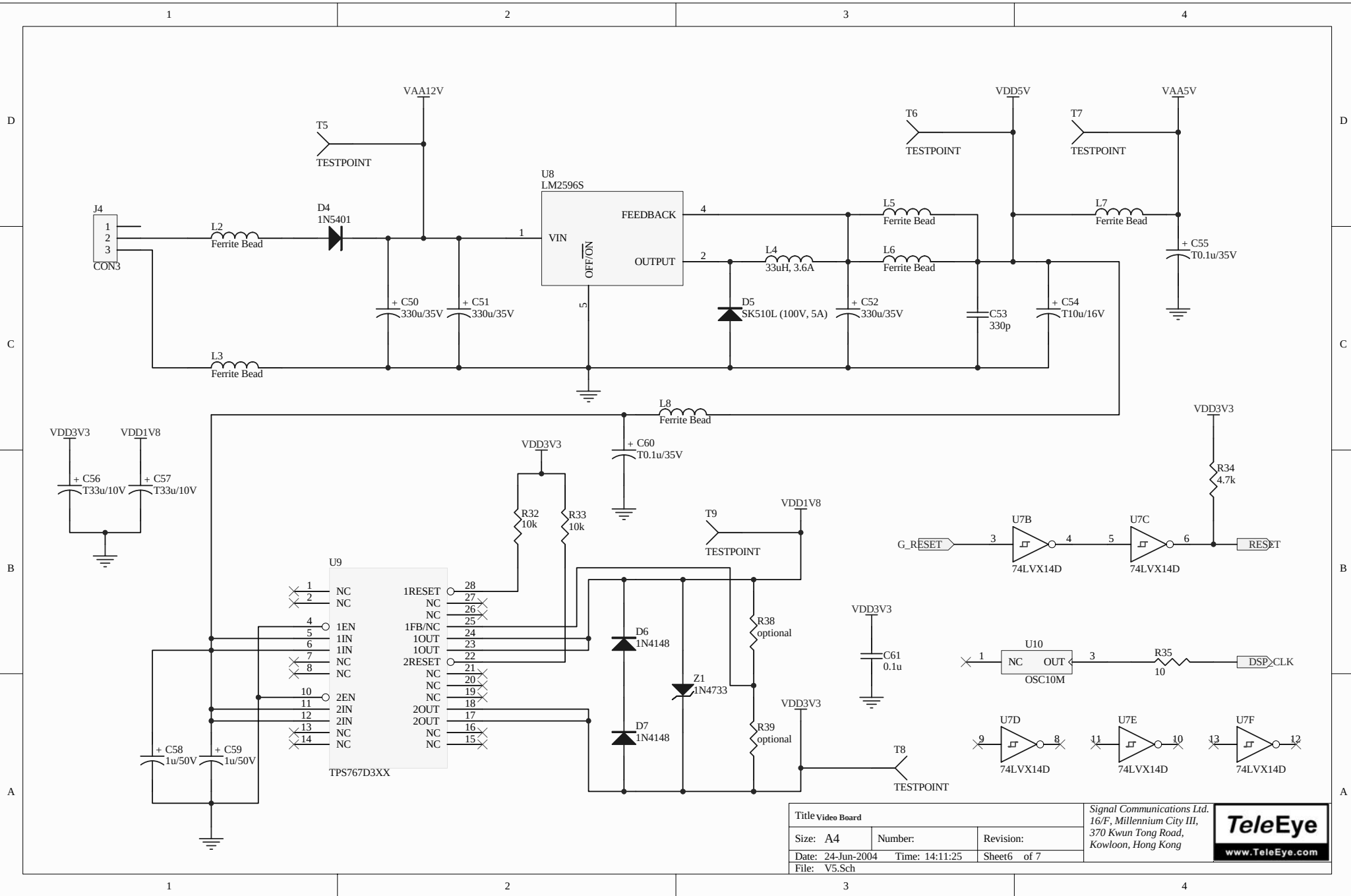




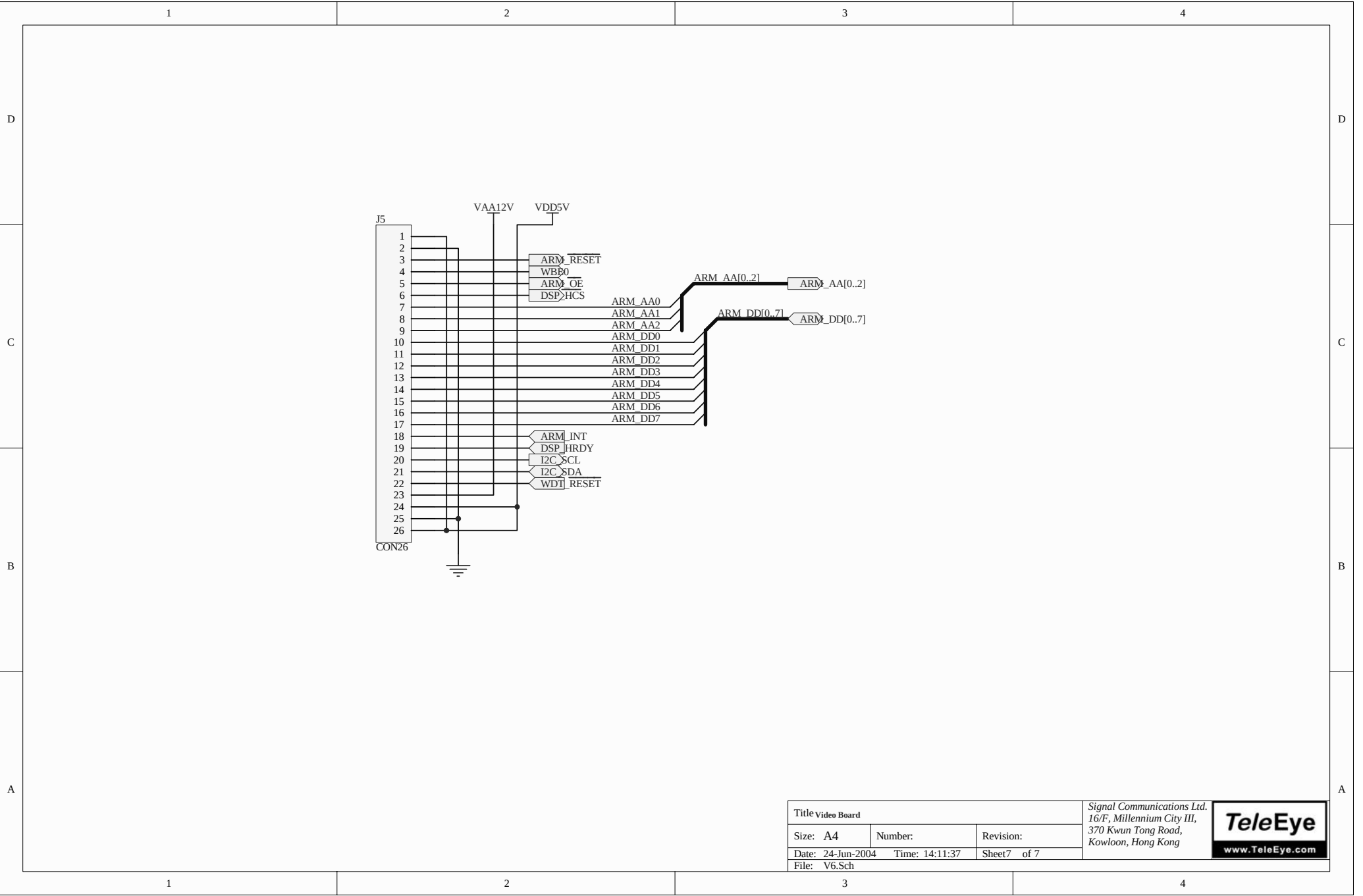
Title Video Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong	
Size: A4	Number:	Revision:	TeleEye www.TeleEye.com	
Date: 24-Jun-2004	Time: 14:10:49	Sheet3 of 7		
File: V2.Sch				



Title video Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong TeleEye www.TeleEye.com
Size: A4	Number:	Revision:	
Date: 24-Jun-2004	Time: 14:11:13	Sheet5 of 7	
File: V4.Sch			



Title Video Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong TeleEye www.TeleEye.com
Size: A4	Number:	Revision:	
Date: 24-Jun-2004	Time: 14:11:25	Sheet 6 of 7	
File: V5.Sch			



Title video Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong	TeleEye www.TeleEye.com
Size: A4	Number:	Revision:		
Date: 24-Jun-2004	Time: 14:11:37	Sheet7 of 7		
File: V6.Sch				

	24VAC model	12VDC model
FB1,FB2,R16		Not to attach
FB3, FB4, R15	Not to attach	

R1: Peak current limit < 2A

C7: Soft start time > 50mS

U1: Vin min = 25V, Vin max = 34V

U1: Average input current = 0.76A

L1: Average output current = 1.5A

L1: Peak output current < 2A

VCC12: Max ripple < 133 mVpp

U3
LM2595S12(5)

FEEDBACK
OFFON
GND

OUTPUT

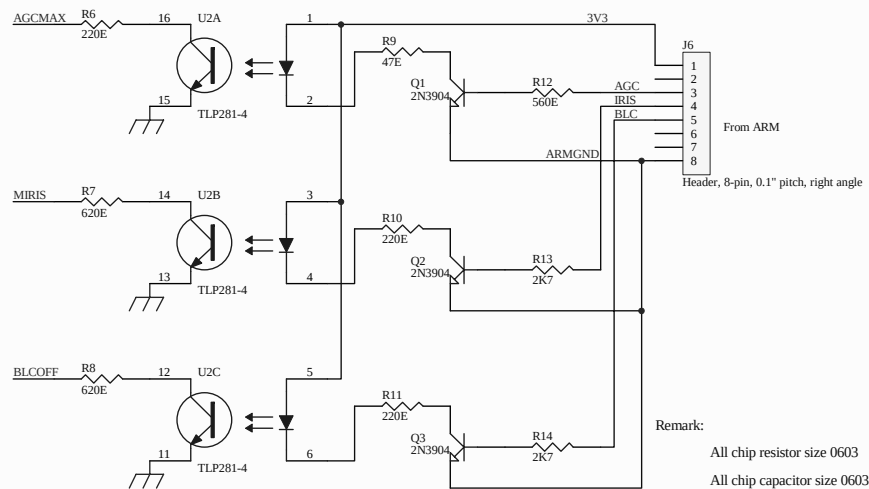
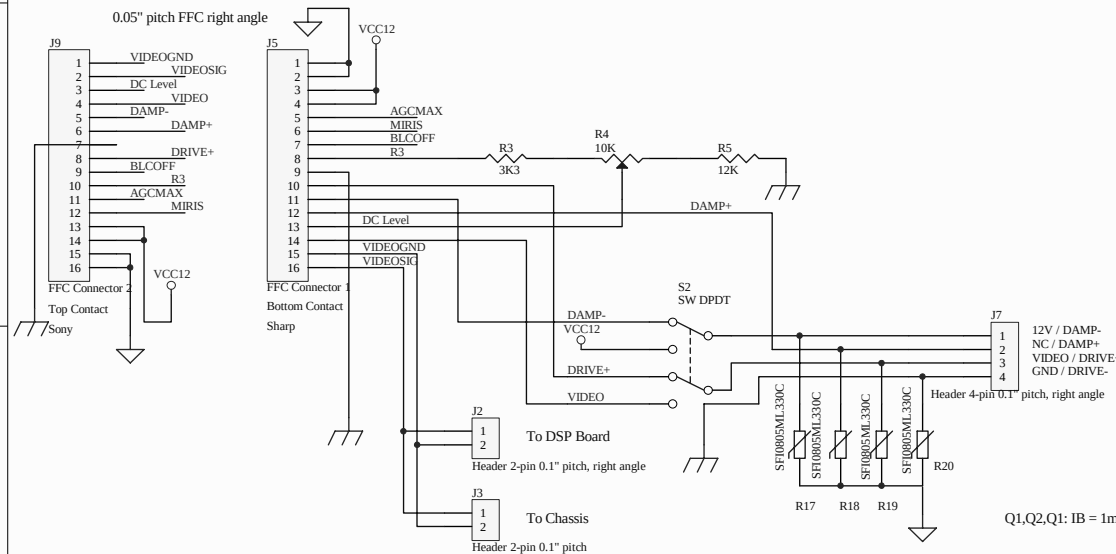
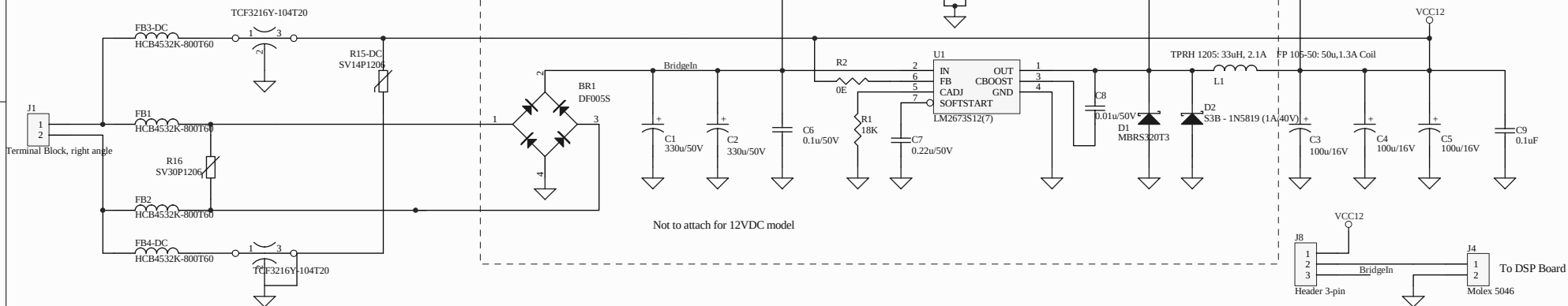
If LM2595S12, Coil Value: FP 105-330: 330u/0.8A

Note:

1) TPRH 1205: 33uH, 2.1A if LM2673S12, 2 Coil Values:

2) FP 105-50: 50u, 1.3A Coil

However, All Three Can share the same footprint (as TPRH 1205)



Q1,Q2,Q1: IB = 1mA, IC = 10mA, VCE = 0.05V, VBE = 0.7V

U2: IC < 5mA, VCE < 0.3V

Title Power Board			Signal Communications Ltd. 16/F, Millennium City III, 370 Kwun Tong Road, Kowloon, Hong Kong	
Size: A4	Number:	Revision:	 www.TeleEye.com	
Date: 24-Jun-2004	Time: 14:21:43	Sheet: 1 of 1		
File: P1a.Sch				