

This document and the data disclosed herein or herewith is not to be reproduced, used, or disclosed in whole or in part to anyone without the written permission of THAT Corporation.

Surround Routing
316-0200.SCH



Rev	Description	Date	Approved
00	Released	7/6/99	

UNLESS OTHERWISE NOTED:

- 1.0 All resistor values are expressed in Ohms.
- 1.1 All resistors are 1/4 Watt types with their tolerance and material coded into their value.

VALUE	1%, Metal Film	5%, Carbon Film
0 Ohm to 0.99 Ohms	0R to 0R976	0R to 0R91
1 Ohm to 99 Ohms	1R00 to 97R6	1R0 to 91R
100 Ohms to 999 Ohms	100R0 to 976R0	100R to 910R
1k Ohm to 9k9 Ohms	1k00 to 9k76	1k0 to 9k1
10k Ohms to 99k Ohms	10k0 to 97k6	10k to 91k
100k Ohms to 999k Ohms	100k0 to 976k0	100k to 910k
1M Ohm to 99M Ohms	1M00 to 97M6	1M0 to 91M

- 2. All resistor networks are 2%, 1/8 Watt types with their values expressed in Ohms.
- 3.0 All capacitor values are expressed in Farads
- 3.1 All 100n bypass capacitors are 20%, 50 Volt, Z5U, Ceramic Monolythic types.
Their Reference Designators are coded as CVXXX where XXX is the associated IC number and V is the associated power supply voltage.
Values for V are; 9 = +5, 8 = -5, 7 = +15, 6 = -15, 5 = +12, 4 = -12.
- 3.2 All non-electrolytic capacitors are 10%, 50 Volt, X7R, Ceramic Monolythic types.
- 3.3 All NPO capacitors are 5%, 50 Volt, Ceramic Monolythic types.
- 3.4 All MY capacitors are 5%, 50 Volt, Metalized Polyester types.
- 3.5 All PP capacitors are 5%, 50 Volt, Metalized Polypropylene types.
- 3.6 All PC capacitors are 5%, 50 Volt, Metalized Polycarbonate types.
- 3.7 All electrolytic capacitors are 20%, 16 Volt (or higher), Aluminum Electrolyte types.
- 3.8 All TA capacitors are 20%, 16 Volt (or higher), Tantalum Electrolyte types.
- 4. For complete information on any component please see the associated bill of materials.
- 5. All net names preceded by a / are active low signals.
- 6. IC power supply connections are called out in a table at the bottom of the page(s) the IC appears on.
Only non-standard or unique power supply connections will be shown on the schematic sheet.
- 7. V+ = +12, V- = -12, VCC = +5, VEE = -5

THAT Corporation 734 Forest Street
Marlborough, MA
508-229-2500

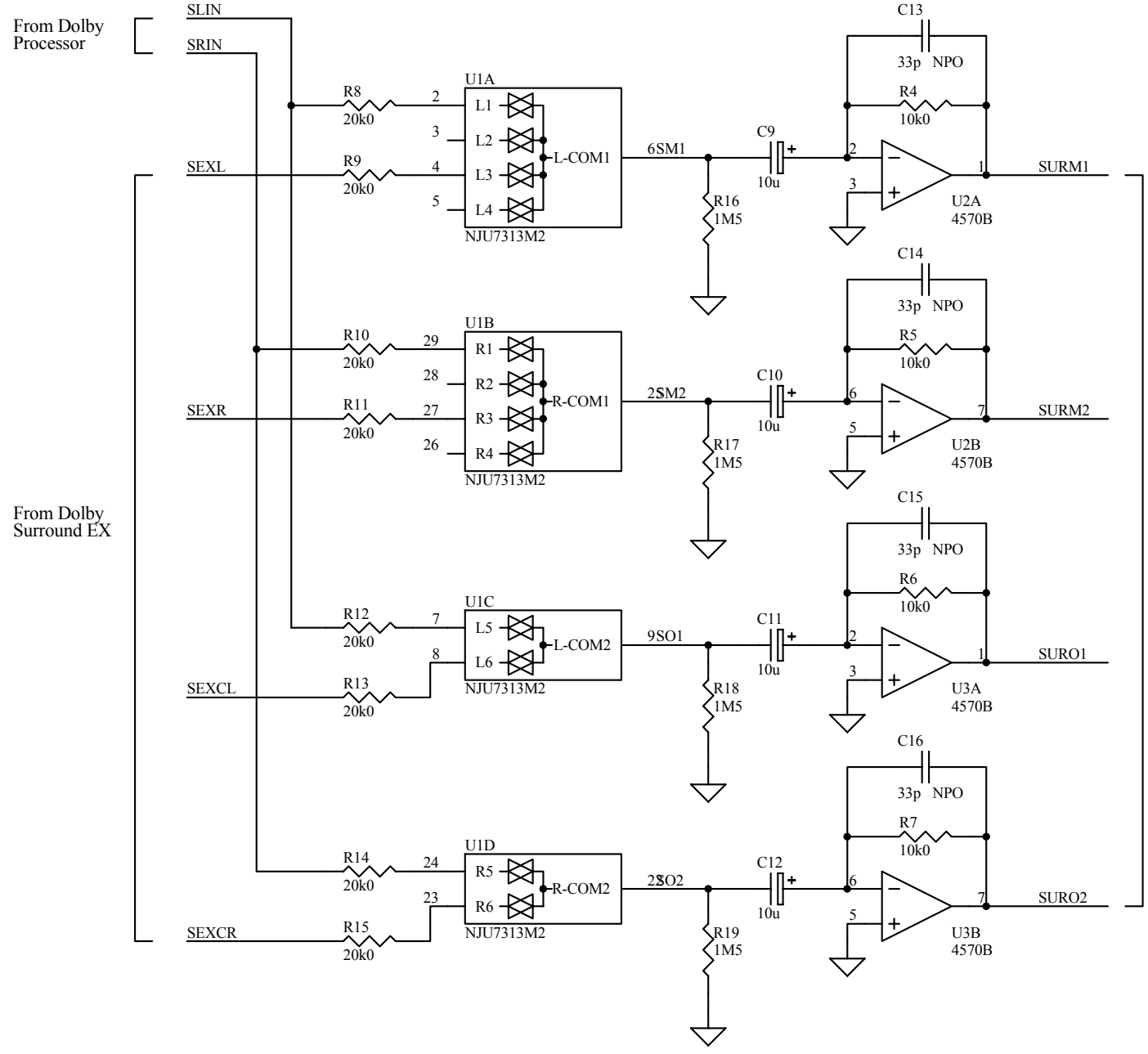
Title: **QSC Digital Cinema Monitor**
DCM-2/DCM-3 Surround Passthru Board

Checked:	Date:
Proj. Eng.:	Date:
Chf. Eng.:	Date:
Production:	Date:

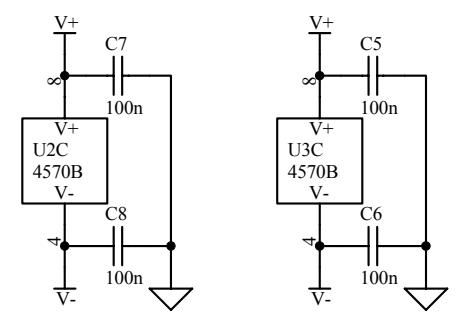
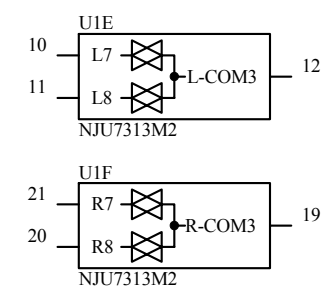
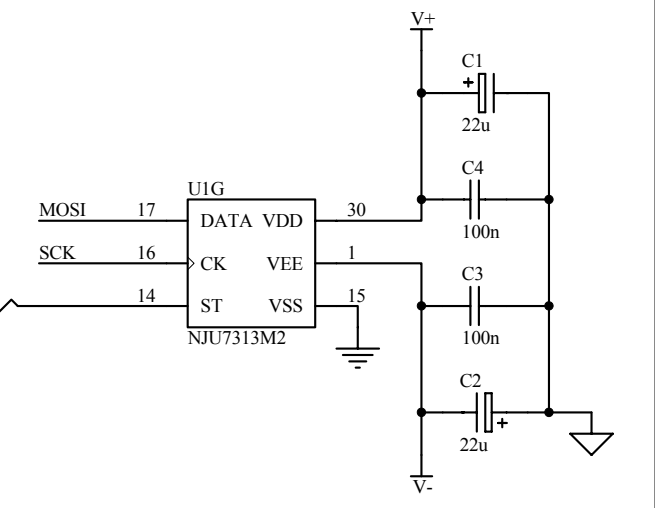
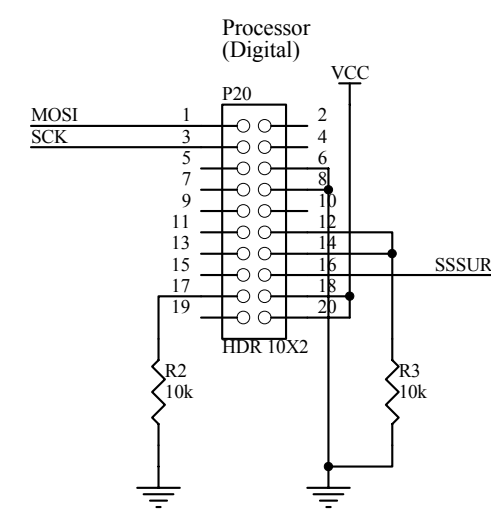
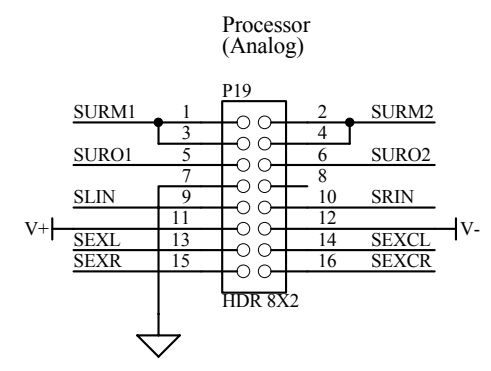
Size: B	Drawing Number: 330316	Revision: 00
Date: 19-Sep-2002	Drawn by: CMH	Sheet 1 of 2
File: F:\DM2\Series info\DCM\DCM23 Surr Sch\316-0100.DDB - Documents\316-0		

This document and the data disclosed herein or herewith is not to be reproduced, used, or disclosed in whole or in part to anyone without the written permission of THAT Corporation.

Rev	Description	Date	Approved



To Surround Dataports



THAT Corporation 734 Forest Street
 Marlborough, MA 01825
 508-229-2500

Checked:	Date:	Title: DCM-2/3 Surround Passthru Board	
Proj. Eng.:	Date:	Surround I/O & Routing	
Chf. Eng.:	Date:	Size: B	Drawing Number: 330316
Production:	Date:	Date: 19-Sep-2002	Revision: 00
		Drawn by: CMH	Sheet 2 of 2
		File: F:\DM2\Series info\DCM\DCM23 Surr Sch\316-0100.DDB - Documents\316-0	

1

2

3

4

A

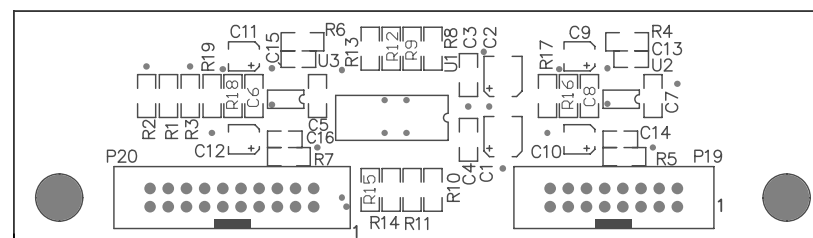
A

B

B

C

C



Notes:

- 1. Reference Parts List no. 370316.

THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE WRITTEN PERMISSION OF THAT CORP.				RELEASED						UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND/OR MILLIMETERS (mm) TOLERANCES ON INCHES .XX+/-0.015 .XXX+/-0.005 TOLERANCES ON MILLIMETERS (X)+/-0.4mm (XX)+/-0.13mm ANGLE +/-0.5 FRACTIONS +/-1/32	TITLE: Printed Circuit Board Assembly Drawing DCM-2/3 Surround Passthru			THAT Corporation Marlborough, Ma. 01752 SIZE DWG NO. REV B 470316 01 SCALE: None SHEET 1 OF 1	
				DRWN SM	DATE 5/27/99	PJ. ENG	DATE	PROD.	DATE		REL.	DATE			
REV	DESCRIPTION	DATE	APP'D	CHK'D JFC	DATE 5/28/99	CH ENG	DATE								
REVISION HISTORY															

1

2

3

4