



**NOTE 2**  
50 OHM BNC  
J1 EN  
J8 SEL A/B

**NOTE 3**  
BNC x 6  
J12  
J13  
J14  
J5  
J6  
J7

**NOTE 3**  
BNC x 3  
J9  
J10  
J11

**NOTES: UNLESS OTHERWISE SPECIFIED**

1. ALL RESISTORS ARE IN OHMS, 0402.  
ALL CAPACITORS ARE 0402.
2. SHDN CONNECTOR IS GENERIC 50 OHMS VERTICAL BNC.
3. VIDEO CONNECTORS ARE CANARE BCJ-BPLH BNC.
4. INSTALL SHUNTS ON JP1-JP5 PIN 1 AND 2.

<p align="center"><b>CUSTOMER NOTICE</b></p> <p>LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		CONTRACT NO.	<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>
		APPROVALS DRAWN: KIM T.	
		CHECKED:	TITLE: SCHEMATIC
		APPROVED:	<b>HIGH SPEED TRIPLE 2:1 VIDEO MULTIPLEXER</b>
		ENGINEER: JON M.	SIZE A DWG NO. <b>DC858A-LT6555CGN</b> REV A
		DESIGNER:	DATE: Friday, January 21, 2005 SHEET 1 OF 1