

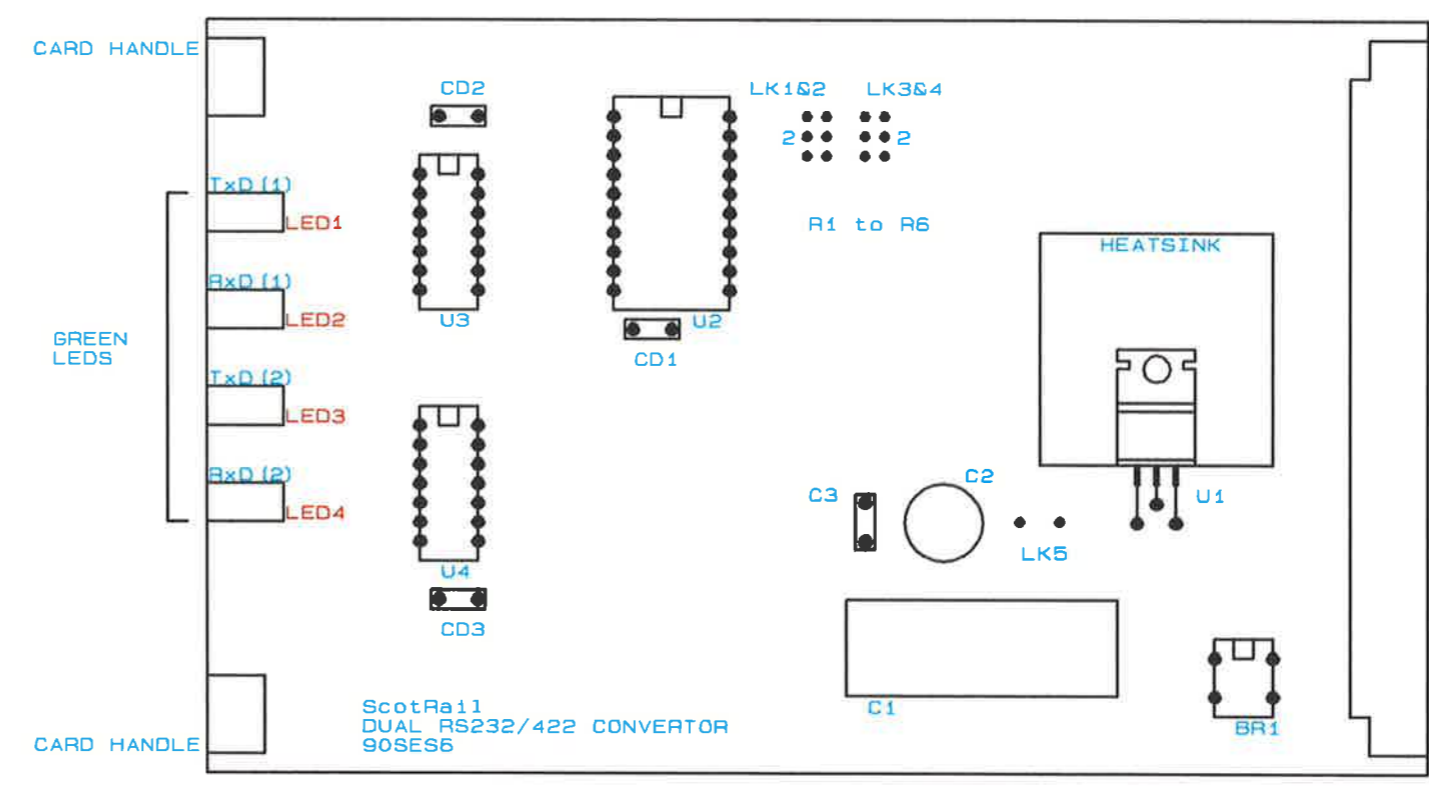
**NOTE**

Balanced Lines : Links 1 to 4 Shunt 1 to 2  
 Unbalanced Lines : Links 1 to 4 Shunt 2 to 3  
 External 5V supply remove link 5

*FILE NO!*

ScotRail D of S & TE		
SYSTEMS ENGINEERING		
Title		
DUAL RS232C/RS422 CONVERTOR		
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B	90SE56	
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# SUGGESTED LAYOUT



**NOTES:**

- 1) LED POSITIONS - Position as modem card 89ses2 (top four)
- 2) All other resistors and capacitors to be placed at your discretion
- 3) Card handles to be BICC-Vero Type No.21-18886 (Flexible Card Handle)
- 4) LED's to be Quality Technologies Flat Top rectangular, Type MV57123 etc. (STC 009884E)
- 5) Heatsink - TV1500 (STC 098053R)

FILE NO

ScotRail - D of S & TE	
SYSTEMS ENGINEERING	
Title DUAL RS232C/RS422 CONVERTOR	
Size Document Number A 90SES6	REV
Date: <u>October 14</u> 1990 Sheet 2 of 2	