



CONCESSION	Concession No:
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REQUEST (1) This section to be completed by the originator.

Raised by:	Andy Brown	Date:	05 06 2002
Department:	Product Development		
Product name	Series TWO		
Assy no's to be changed	RG4020 Series TWO Master PCB		

DESCRIPTION (2) Please state clearly: A) Problem B) Suggested solution.

Title:	Distorted crosstalk from Stereo Inputs										
Problem:	<p>There is a strange distorted crosstalk from stereo inputs onto unrouted outputs when signal level in stereo I/Ps 1 or 2 exceeds a certain level.</p> <p>The problem has been found to be caused by some sort of instability.</p>										
Solution (include sketch where necessary):	<p>On SC4020 Master PCB:</p> <p>Add one 1nF capacitor (CC0238) from SS22 pin 3 (AGND) to pin 5 (+VC)</p> <p>See attached photos for exact position of switch and capacitor.</p> <p>Ensure capacitor leads do not short to other pins or pcb tracks.</p>										
Technical bulletin required?	Yes		No	X	Date completed:						

Effective from:						to:						
Serial no:						to:						
Apply changes to:	Shipped products	Yes		WIP	Yes	X	Next prod batch	Yes	X	Stock	Yes	
		No	X		No			No			No	X

VETTING (3)

R & D Manager	Accepted	Yes		No		QA Manager	Accepted	Yes		No	
Authorisation:						Authorisation:					
Reason for rejection:						Reason for rejection:					
Production Engineer	Accepted	Yes		No		Operations Manager	Accepted	Yes		No	
Authorisation:						Authorisation:					
Reason for rejection:						Reason for rejection:					

ASSIGNMENT OF RESPONSIBILITY (4)

Accepted		Rejected		Incorporated into ECN:		Date:	
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Series TWO Master PCB
SC4020 Iss 7

Add 1nF capacitor here



SC4020-07

Add 1nF/63V cap

CC0238

As shown



