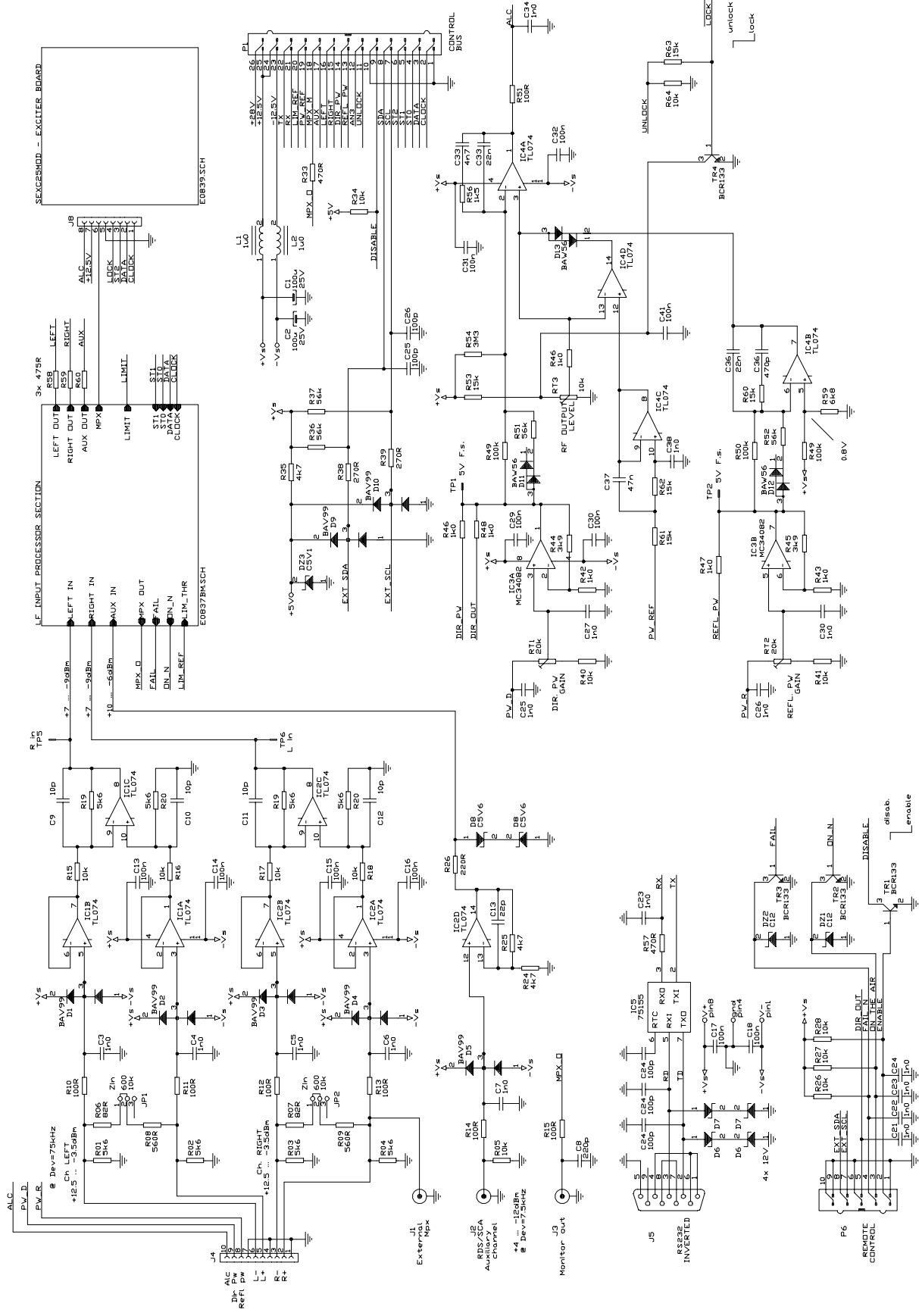
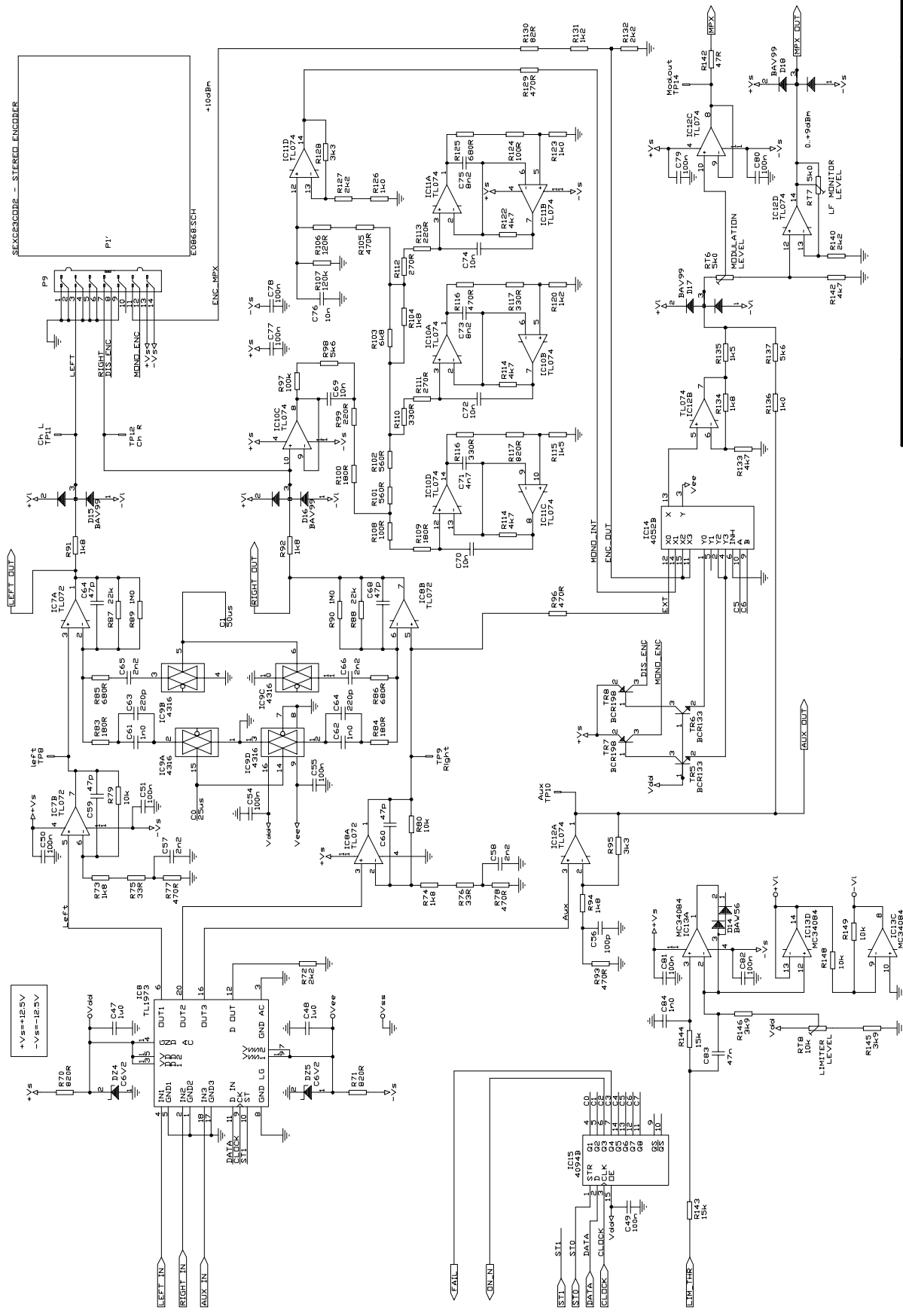




		Sistemas Electrónicos S.A.	
		Drawing nr:	
Date	Name	Signature:	
Drawn	01/11/04		
Checked	OMB Eng. Dpt.		
Standards		Title:	
Scale :			
EM 100 DIG		MAINBOARD - I/O & R.F. Control Section	
Replaced with:		Replace:	
		Replaced with:	



Sistemas Electrónicos S.A.

Drawing nr:

Replace:	
----------	--

Replaced with:

	Date	Name	Signature:
Drawn	10/11/04	OMB Eng. Dpt.	
Checked			
Standards			
Scale :		Title:	
		EM 100 DIG	
MAINBOARD – LF Process Section			

Signature: _____

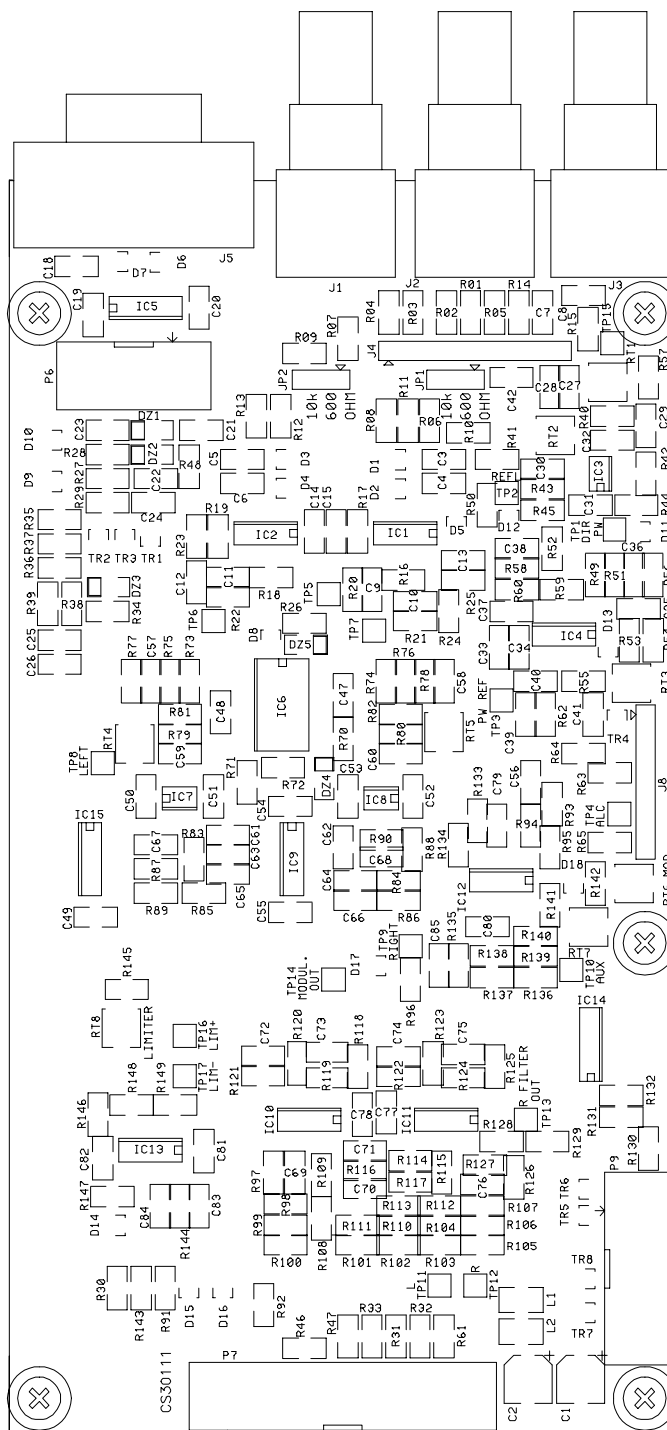
1

	Date	Name
--	------	------

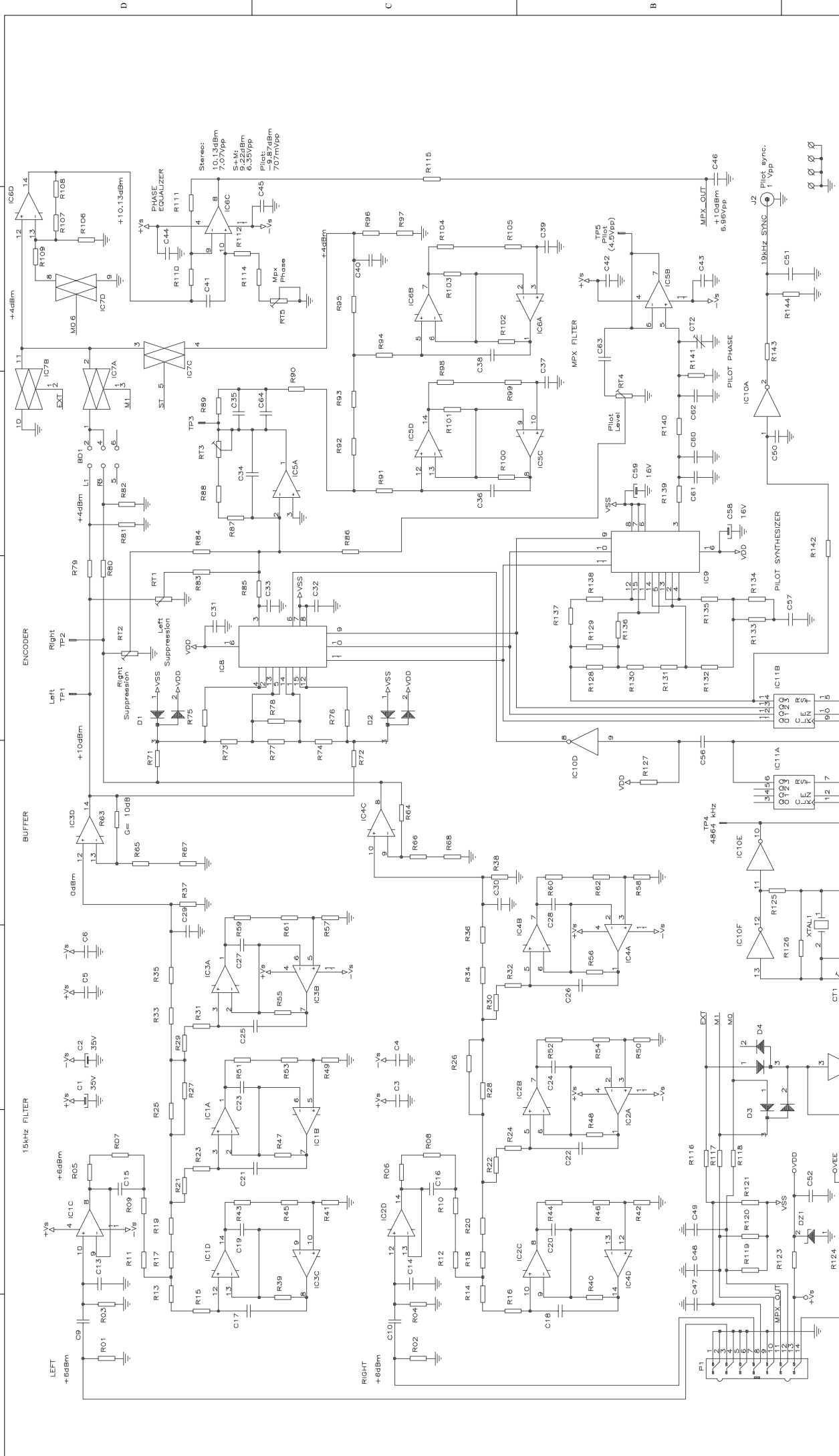
Scale :	Title:
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EM 100 DIG

MAINBOARD - LF Process Section



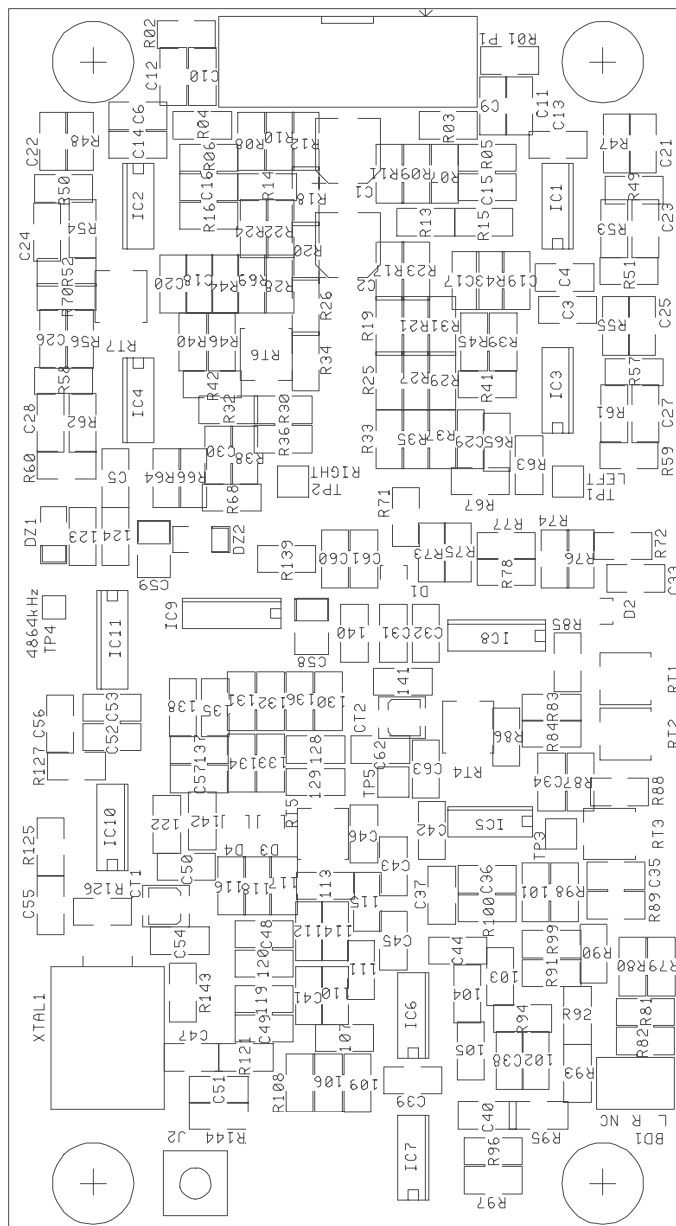
	Date	Name	Signature:	 Sistemas Electrónicos S.A.
Drawn	01/11/04	OMB Eng. Dpt.		
Checked				
Standards				
Scale:	Title: EM 100 DIG Mainboard			Drawing nr:
				Replace:
				Replaced with:



Signature:		Signature:	
Date	Name	Date	Name
01/11/04	OMB Eng. Opt.		
Drawn	Checked	Standards	Scale :
Title:		Title:	
EM 100 DIG		Stereo encoder	
Replaced with:		Replaced with:	

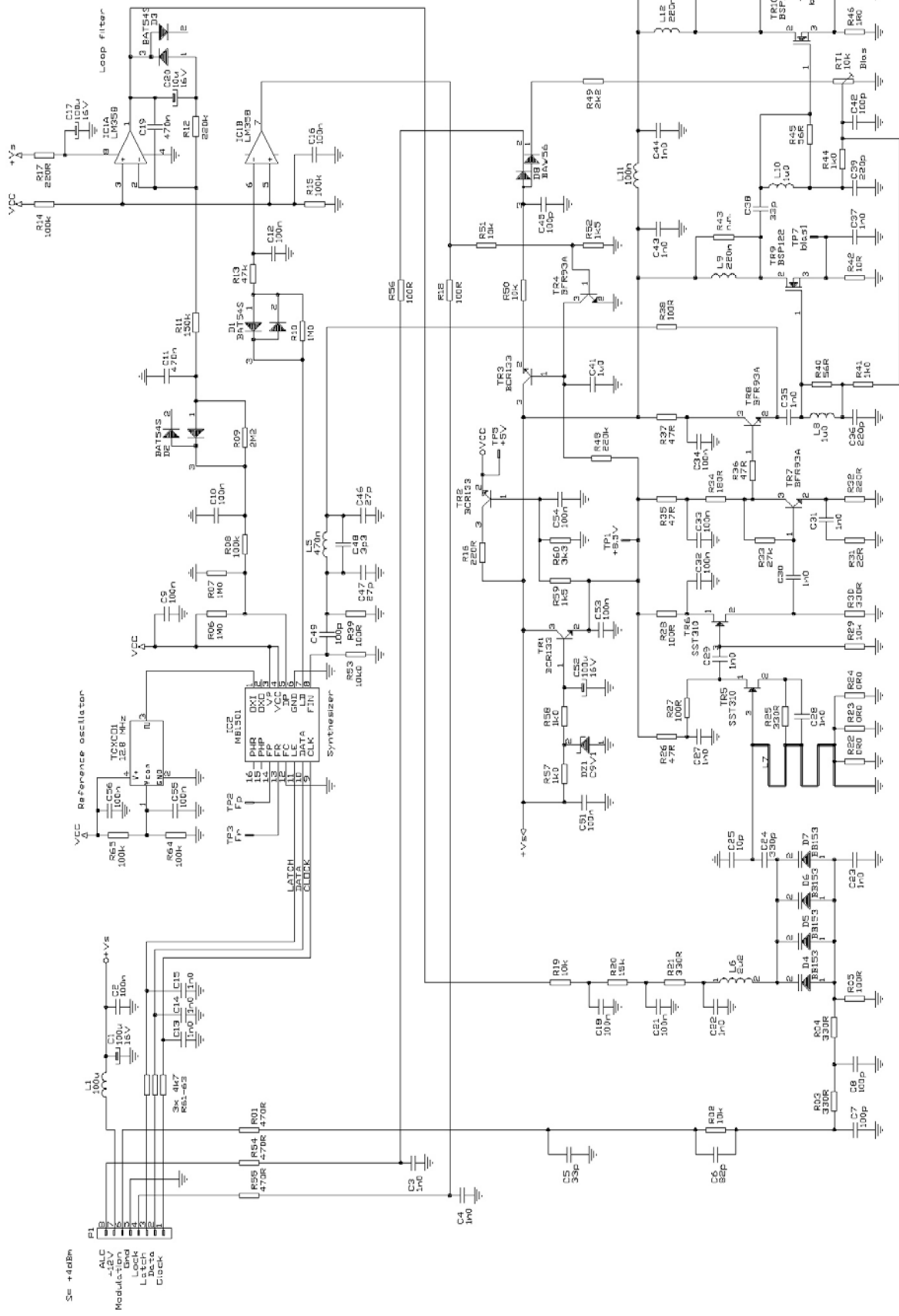
OMB Sistemas Electrónicos S.A.

Drawing nr:



	Date	Name	Signature:	 Sistemas Electrónicos S.A.
Drawn	01/11/04	OMB Eng. Dpt.		
Checked				
Standards				
Scale:	Title: EM 100 DIG Stereo encoder 			Drawing nr: 
				Replace: Replaced with:

Se +40dBm



RF broadband amplifier

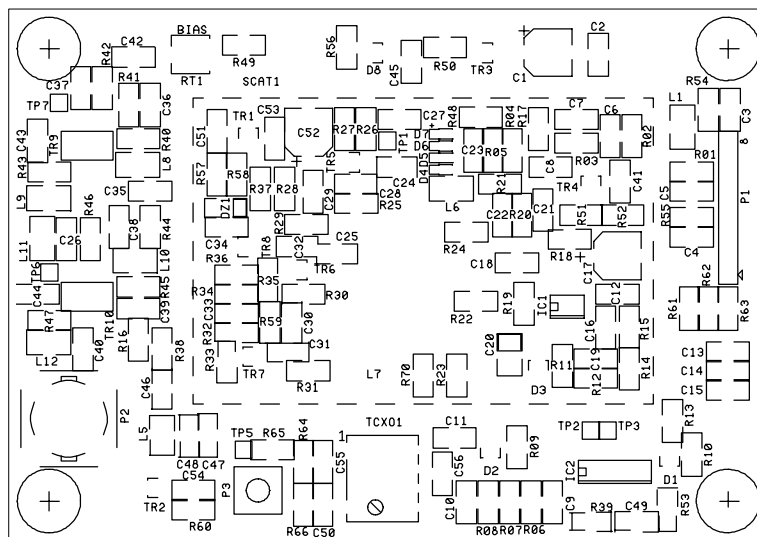
BUFFER

VCO oscillator

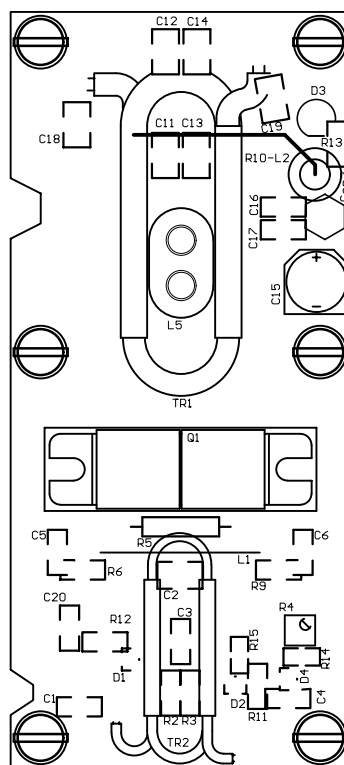
Date		Signature:	
Drawn		OMB	
Checked		01/11/04	
Standards		OMB Eng. Dpt.	
Scale :		Title:	
		EM 100 DIG	
		FM Exciter	
		Drawing nr:	
		Replace:	
		Replaced with:	



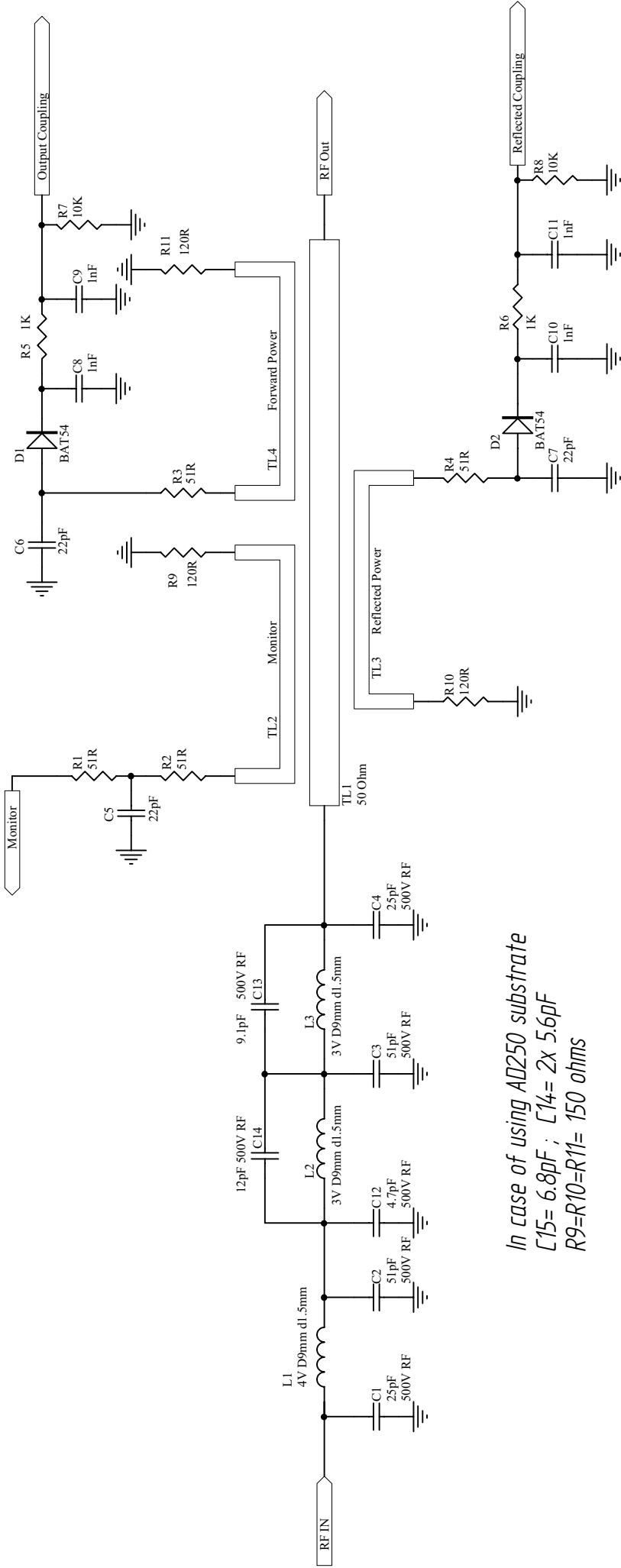
Sistemas Electrónicos S.A.



	Date	Name	Signature:	 Sistemas Electrónicos S.A.
Drawn	01/11/04	OMB Eng. Dpt.		
Checked				
Standards				
Scale:	Title: EM 100 DIG FM Exciter			Drawing nr: 
				Replace: _____ Replaced with: _____



	<i>Date</i>	<i>Name</i>	<i>Signature:</i>	 Sistemas Electrónicos S.A.
<i>Drawn</i>	04/05/04	M. Tsvelev		
<i>Checked</i>				
<i>Standards</i>				
<i>Scale:</i>	<i>Title:</i>	MODPOT v1.3 300W R.F. Power Amplifier		<i>Drawing nr:</i> 
				<i>Replace:</i> <i>Replaced with:</i>



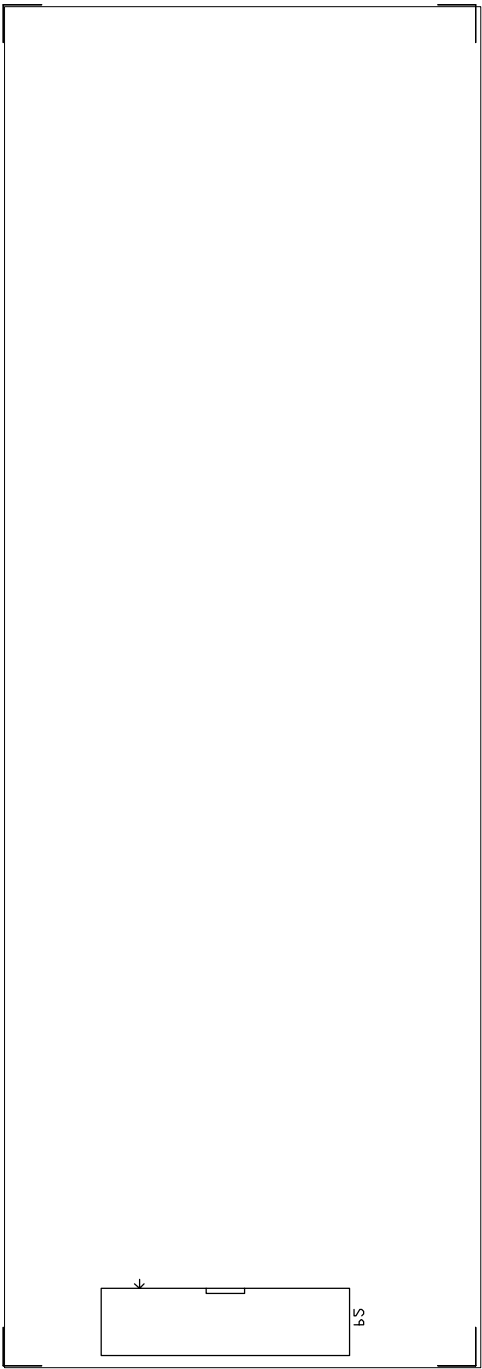
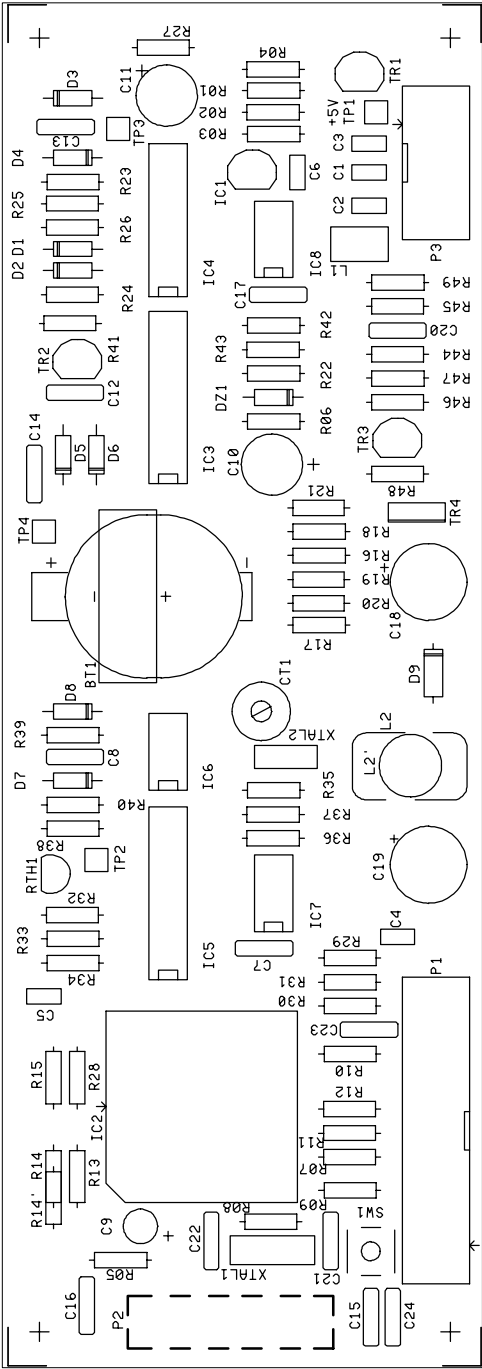
In case of using AD250 substrate
C15= 6.8pF ; C14= 2x 56pF
R9=R10=R11= 150 ohms

				 Sistemas Electrónicos S.A.
			Signature:	
Drawn	06/06/02	OMB Eng. Dpt.		
Checked				
Standards				
Scale :	Title:		Drawing nr: 05.04.02.000	
			300W FM Filter	
			Replace:	
			Replaced with:	

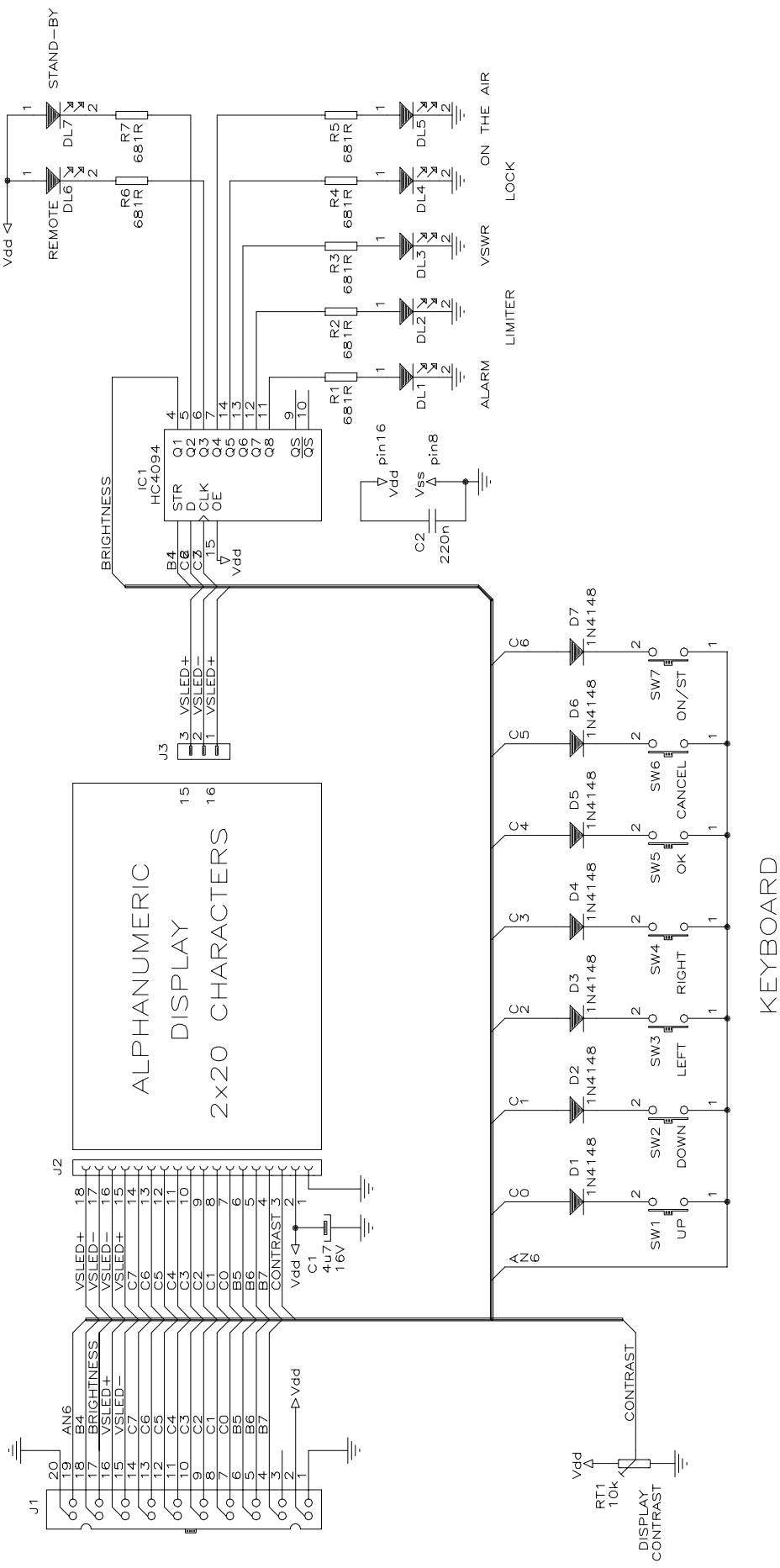
Replace:
Replaced with:

Component side

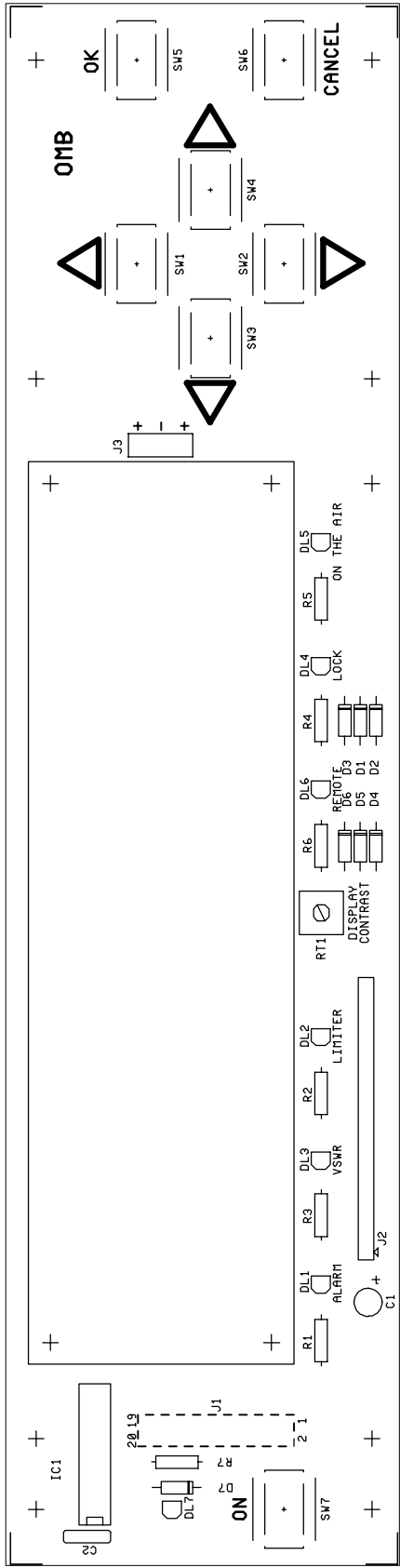
Solder side



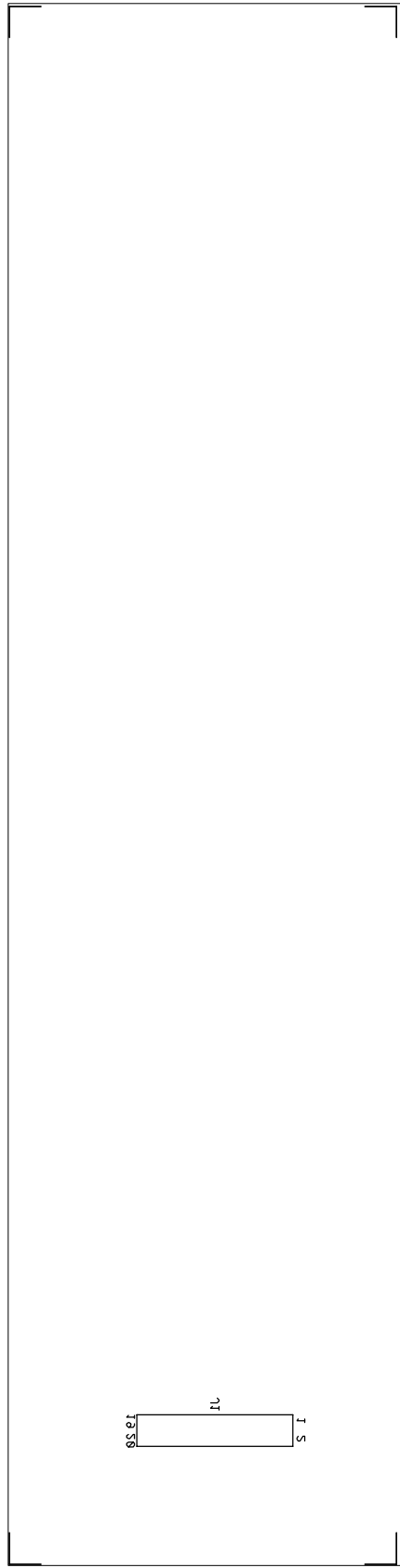
	Date	Name	Signature:	 Sistemas Electrónicos S.A.
Drawn	18/04/03	OMB Eng. Dpt.		
Checked				
Standards				
Scale:	Title: EM 100 DIG Control unit			Drawing nr:
				
				Replace:
				Replaced with:



Date		Signature:		OMB	
Drawn		Name		Sistemas Electrónicos S.A.	
Checked		16/07/02		Drawing nr:	
Standards		OMB Eng. Opt:		Replace:	
Scale :		Title:		Replaced with:	
		EM 100 DIG			
		Keyboard / display interface			



COMPONENT SIDE



SOLDER SIDE

	Date	Name	Signature:	 Sistemas Electrónicos S.A.
Drawn	16/07/02	OMB Eng. Dpt.		
Checked				
Standards				
Scale:	Title:	EM 100 DIG		Drawing nr:
	Keyboard / display interface			Replace:
				Replaced with: