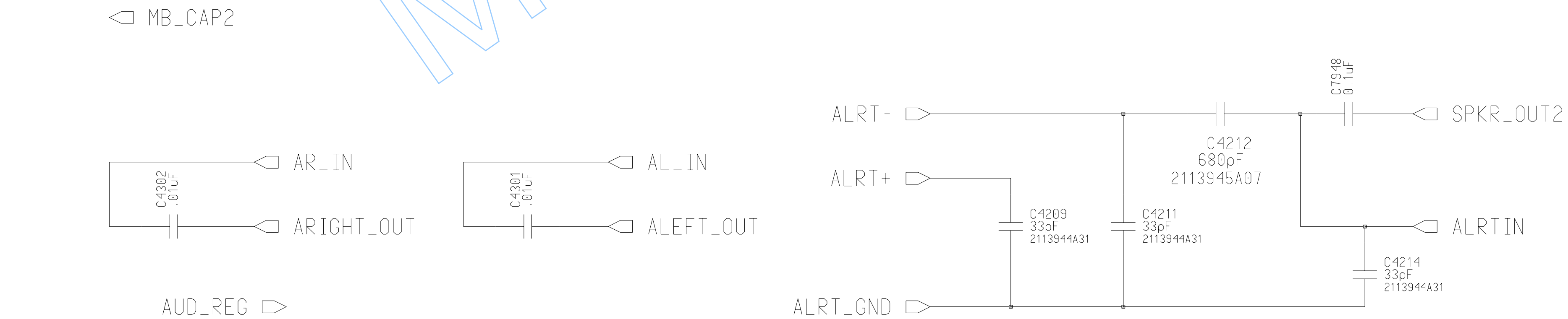
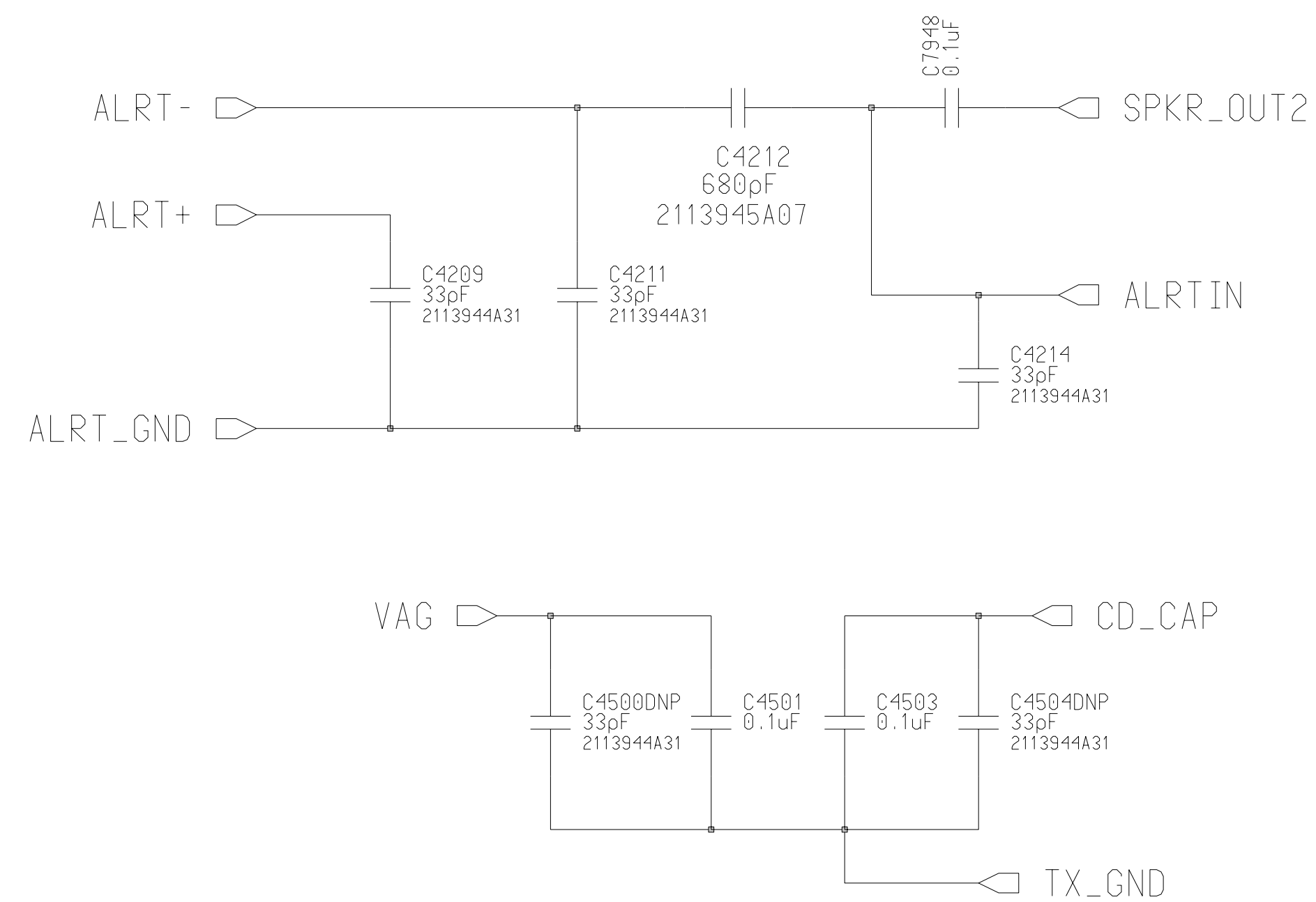



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In case Audio Module
is used:

RX_GND NC1 NC2 

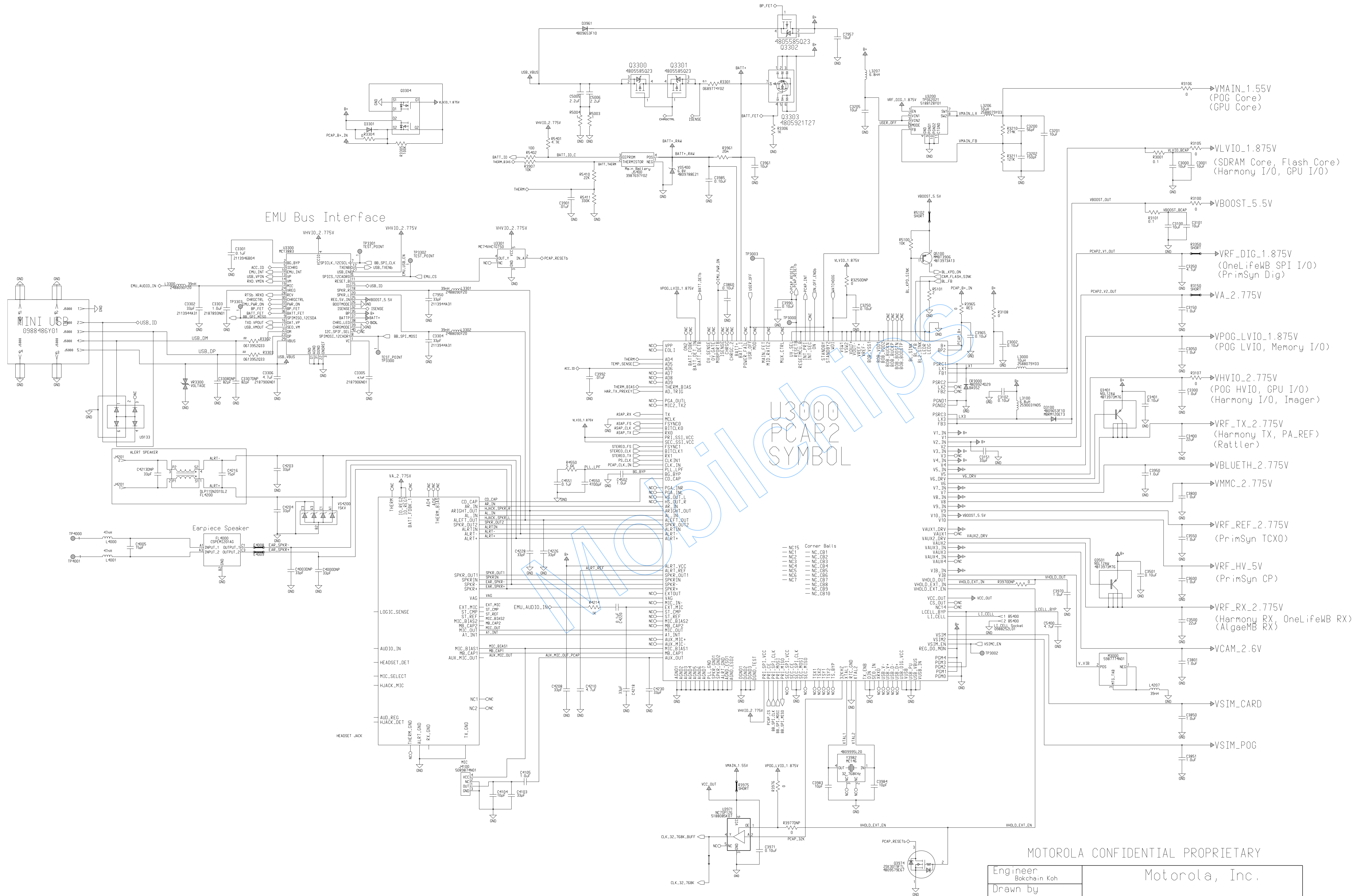
Engineer:	 MOTOROLA INC.			
Drawn by:				
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QA CHK:				
Changed by:	REV: Drawing Number: Page: Of:			Time:
	Date:			

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B

C

D



MOTOROLA CONFIDENTIAL PROPRIETARY

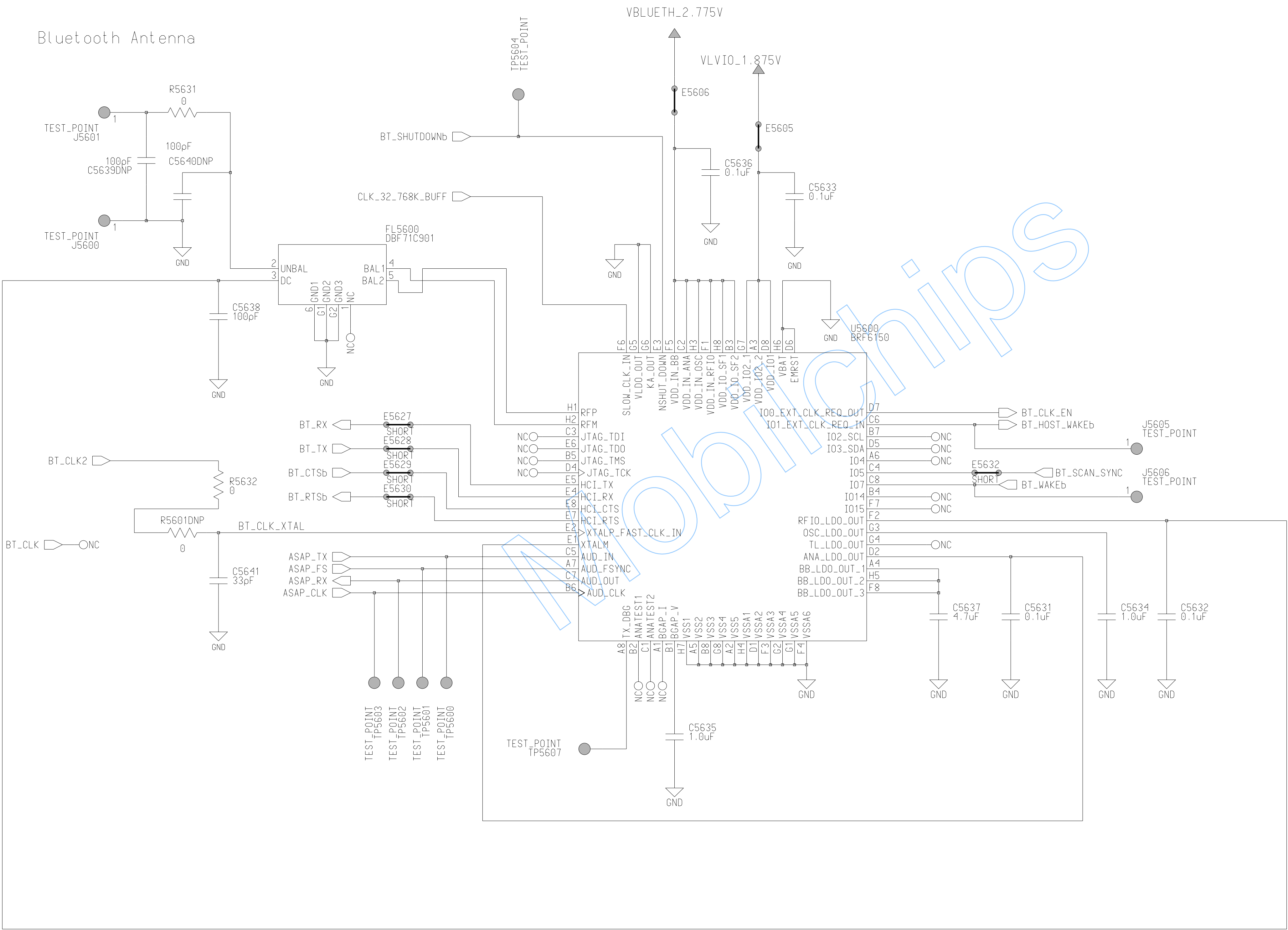
Engineer Bokchain Koh	Motorola, Inc.		
Drawn By			
R&D CHK	TITLE SERPENS		Size D
DOC CTRL CHK	Power and Audio		
MFG CTRL CHK			
QA CHK	REV	Drawing Number	Sheet of

MOTOROLA CONFIDENTIAL PROPRIETARY

Date : July 23, 2001

Engineer: Bokchain Koh	MOTOROLA INC.		
Drawn by:			
R&D CHK:	TITLE: SERPENS Bluetooth	Size:	
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QA CHK:	REV:	Drawing Number:	Page: Of:
Changed by: Rajesh Verma	Date: December 22, 2004		Time:

Updated Bluetooth symbol to v3 12/22/04




A



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Engineer:	 MOTOROLA INC.			
Drawn by:				
R&D CHK:	TITLE: SERPENS			Size:
DOC CTRL CHK:	SDRAM & M-DOC Memories			
MFG CTRL CHK:				
QA CHK:	REV: P9	Drawing Number: 8488453Y07	Page:	Of:
Changed by:	Date:			Time:

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Engineer :

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Changed by:

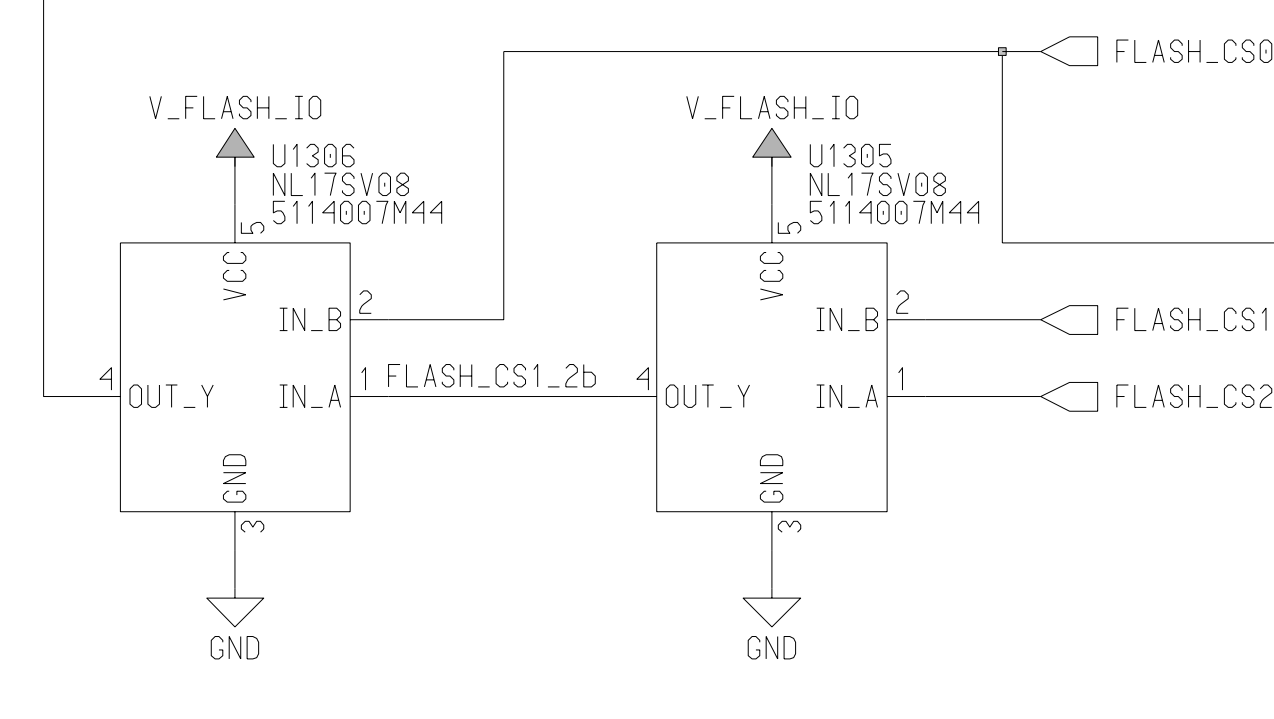
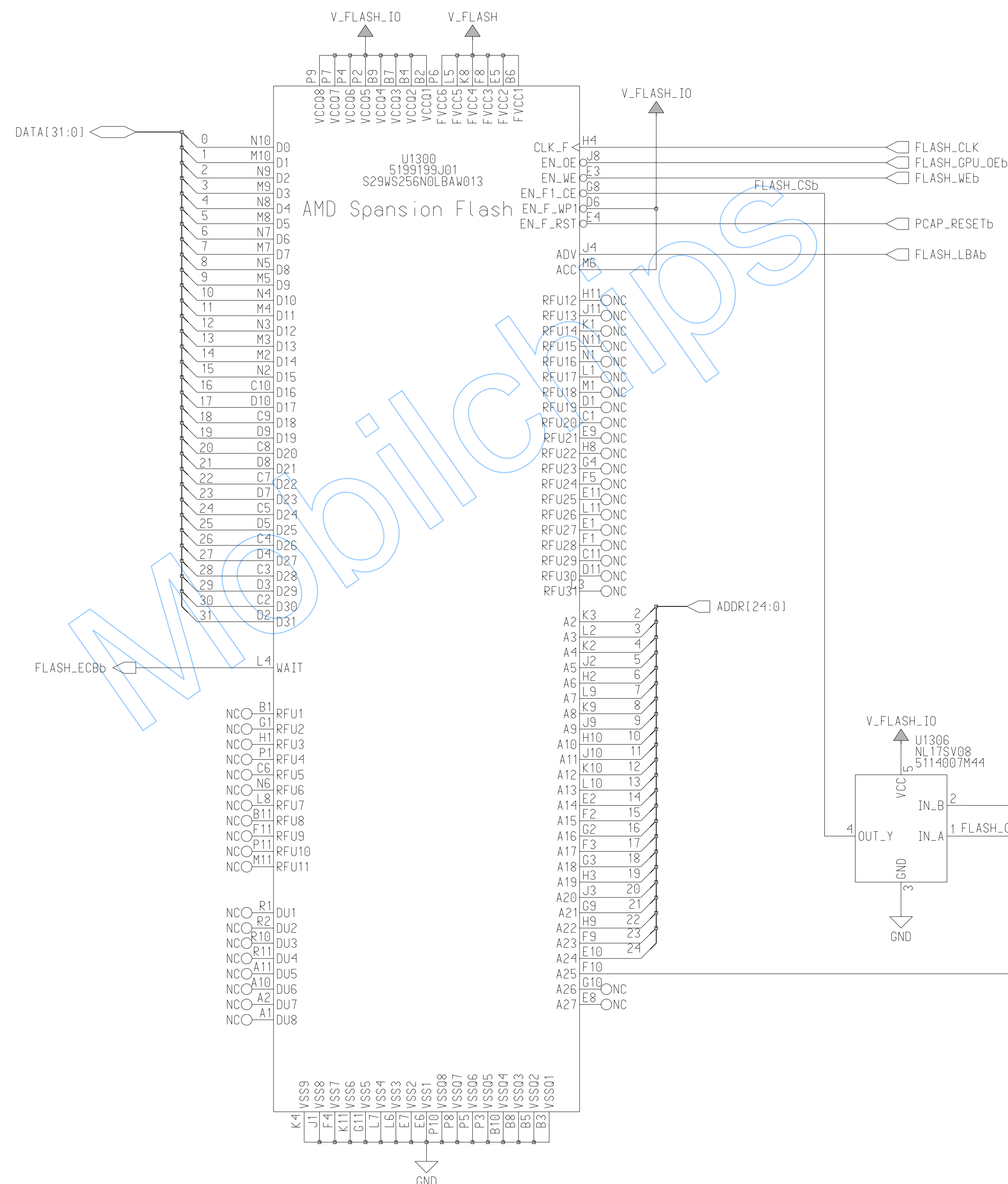
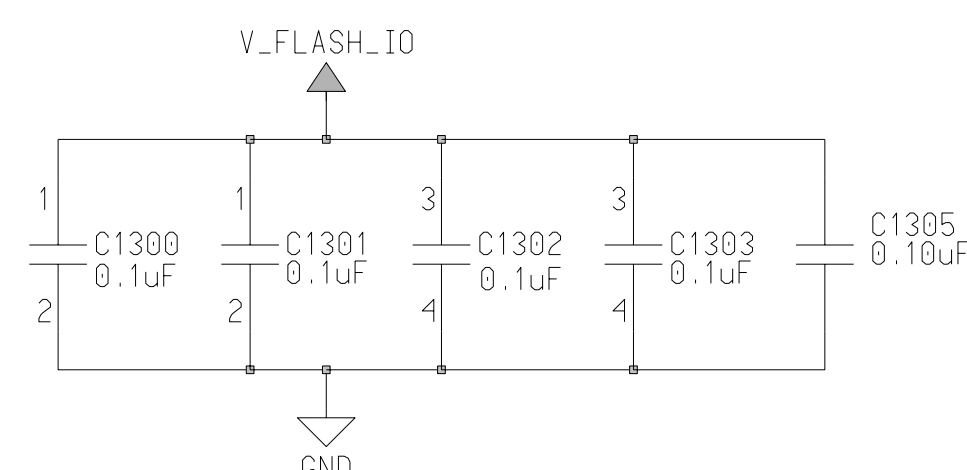
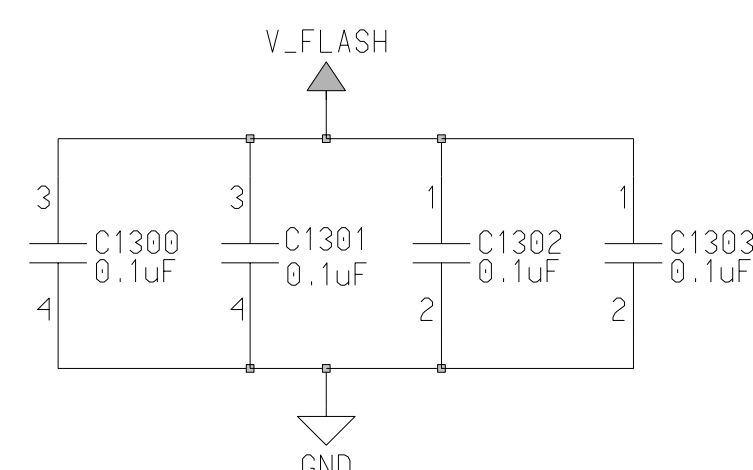
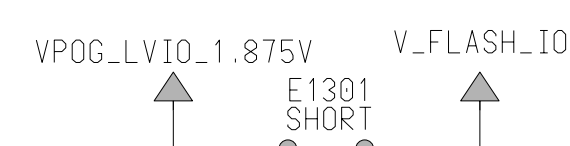
 MOTOROLA INC.

TITLE:	SERPENS
	Flash Memory

Size:

REV: P9	Drawing Number: 8488453Y07	Page:	Of:
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Date:		Time:	
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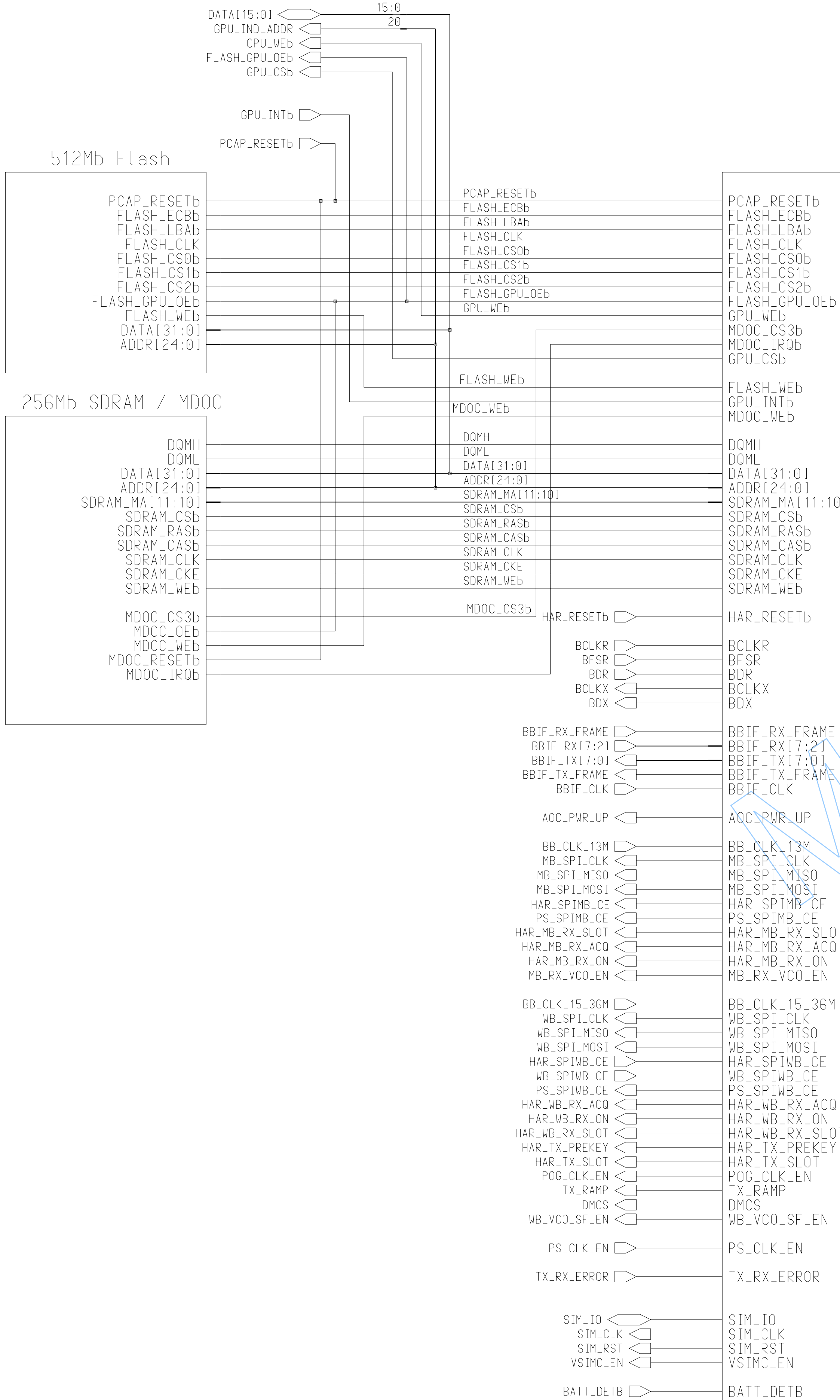
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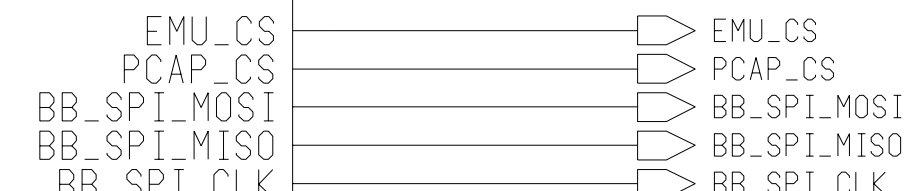
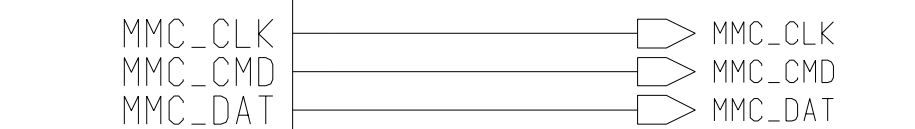
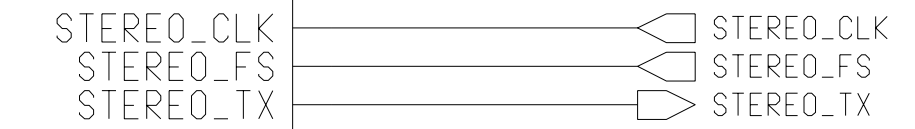
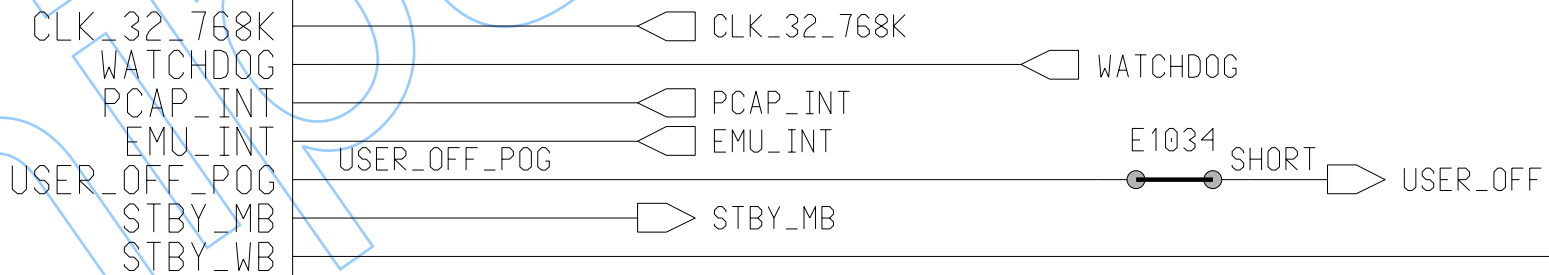
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Engineer:	<div><div><div></div></div><div>MOTOROLA INC.</div></div>		
Drawn by:			
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DOC CTRL CHK:			
MFG CTRL CHK:	POG & Memories		
QA CHK:	REV:	Drawing Number:	Page: Of:
Changed by:	Date:		Time:

Product ion	Development
U1019DNP	U1019
R1038	R1038DNP
R1032DNP	R1032
U1020DNP	U1020



POG Hierarchy Block
4 Sheets
MCU and IPCM Peripheral Interface
Memory & Test Interface
DSP Interface
Power
Wingboard Interface

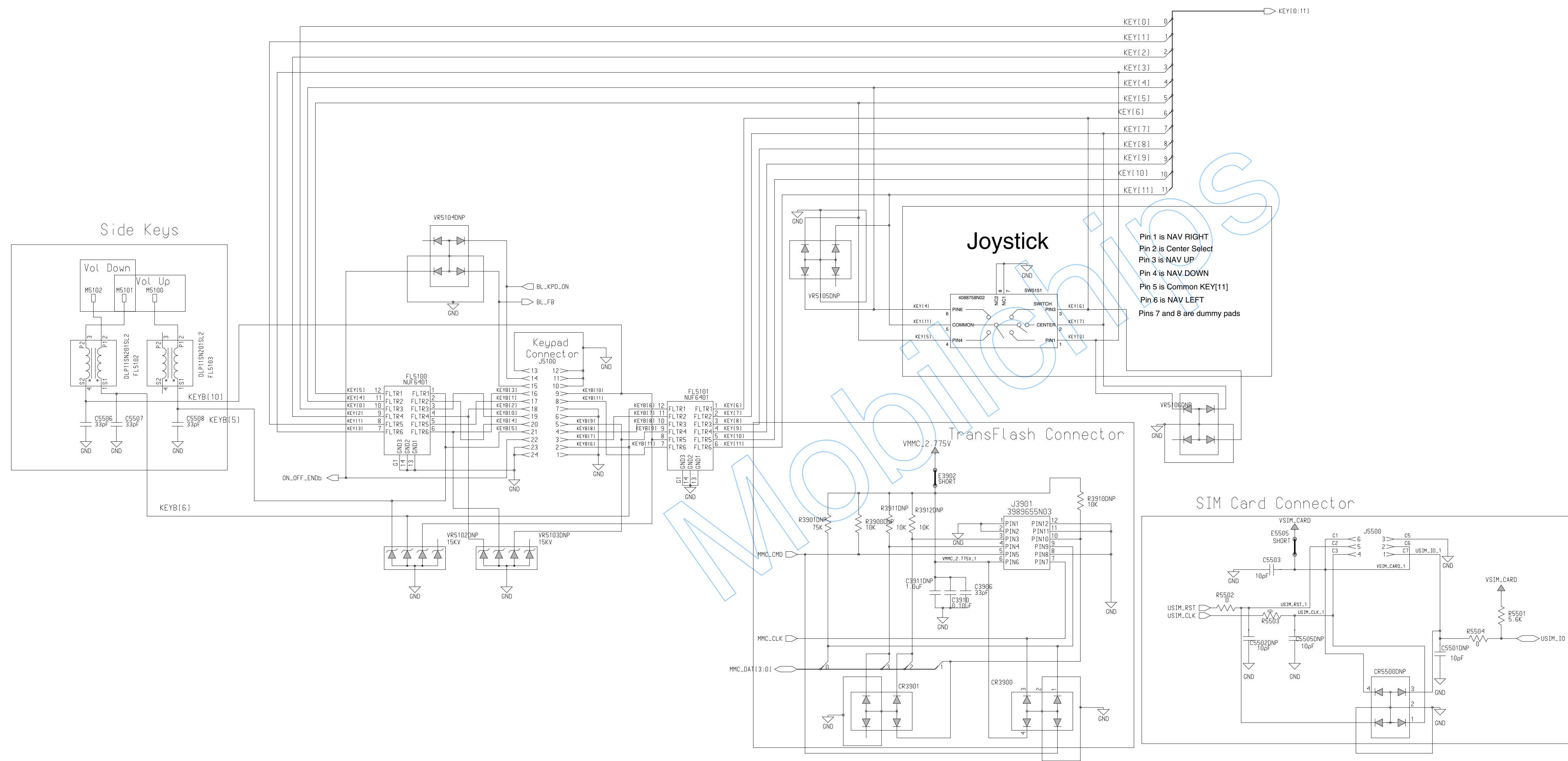


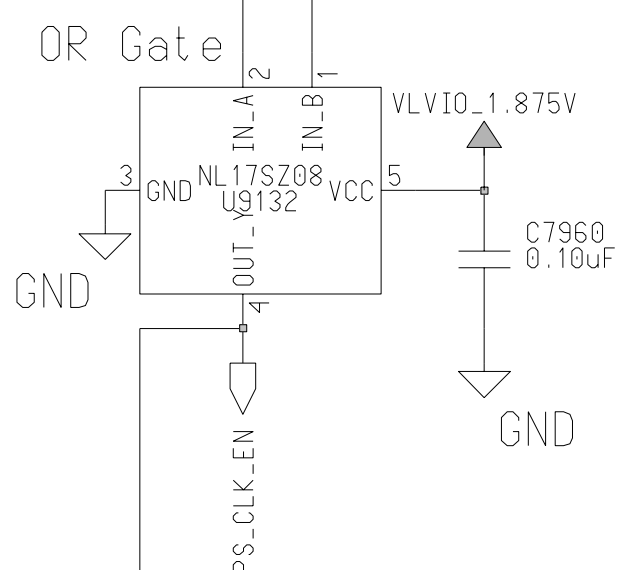
A

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Engineer	<div style="text-align: center;"> <h1>Motorola, Inc.</h1> <h2>SERPENS</h2> <h3>Video & Graphics</h3> </div>		
Drawn by			
R&D CHK			
DOC CTRL CHK			
MFG CTRL CHK			
QA CHK	REV	Date: 12/22/04	Sheet of





TP placeholders for pins with NC

SYNTHESIS CAPACITORS CLOSE TO HARMONY

SUPPLIES INTERCONNECTIONS FAR FROM HARMONY

ALL CAPACITORS CLOSE TO HARMONY

ALL CAPACITORS CLOSE TO HARMONY

HARMONY

Engineer Chris Leyh	MOTOROLA INC. 600 North US Highway 45 Libertyville		
Drawn by ccl003			
R&D CHK	TITLE HARMONY: ALYA		Size D
DOC CTRL CHK			
MFG CTRL CHK			
QA CHK	REV 1	Drawing Number	Sheet of

Changed by
ccl003

Date Changed
Thursday, April 17, 2003

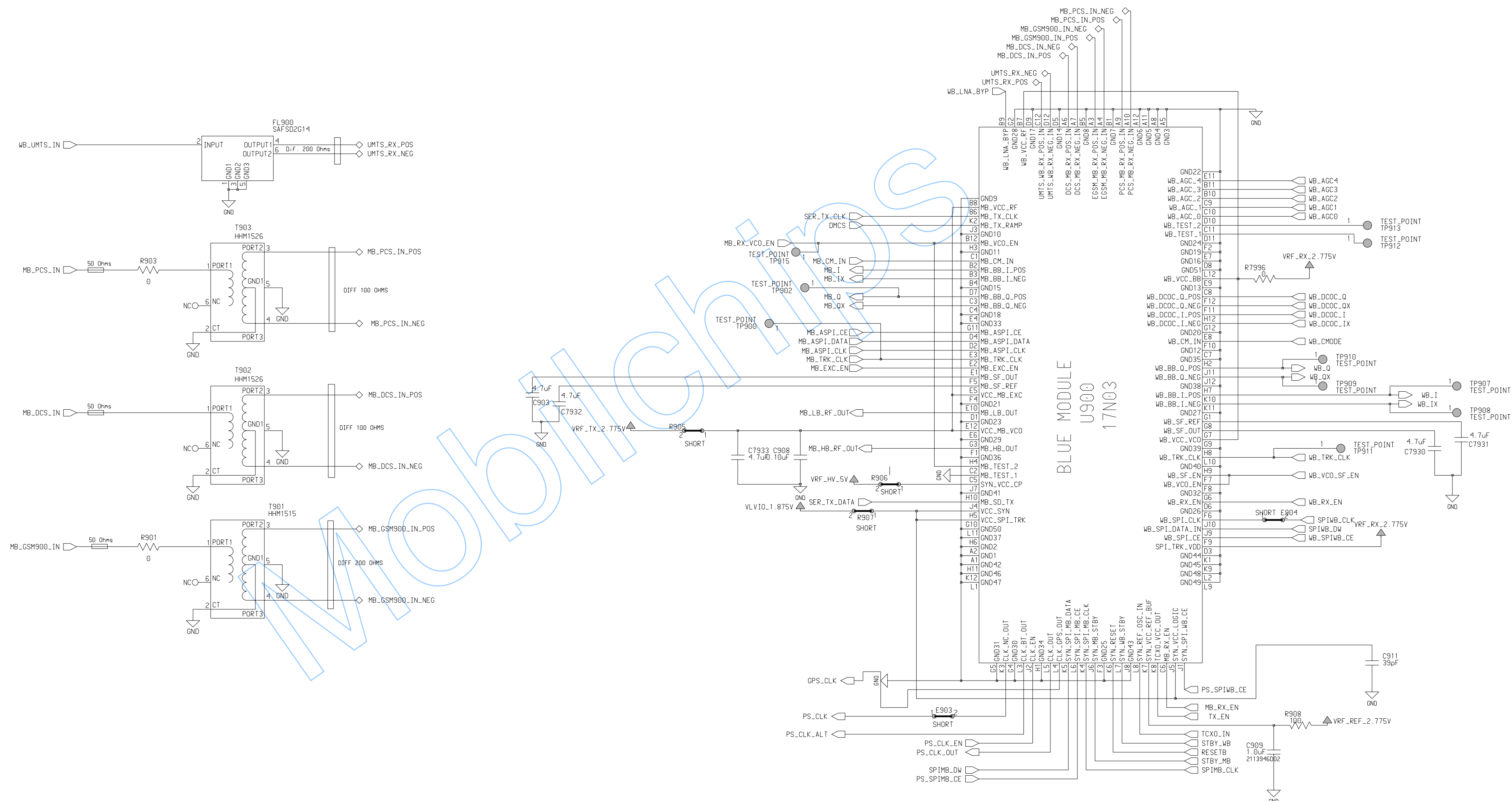
Time
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TPs for test_1 & test_2

ORG. Blue Module VERSION 2.0

DO NOT DELETE

☐ WB_DCS_IN
☐ XTAL_OUT
☐ WB_PCS_IN
☐ MR_GSM850_IN



Engineer
Chris Leyh

Drawn by
Chris Leyh

R&D	CHK
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DOC	CTRL	CHK
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MFG	CTRL	CHK
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	QA	CHK
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COMPANY NAME

Address
City

TITLE

Rx/Syn: ALYA

Size

REV

Drawing Number

Sheet

of

Changed by
ccl003

Date Changed
Thursday, April 10, 2003

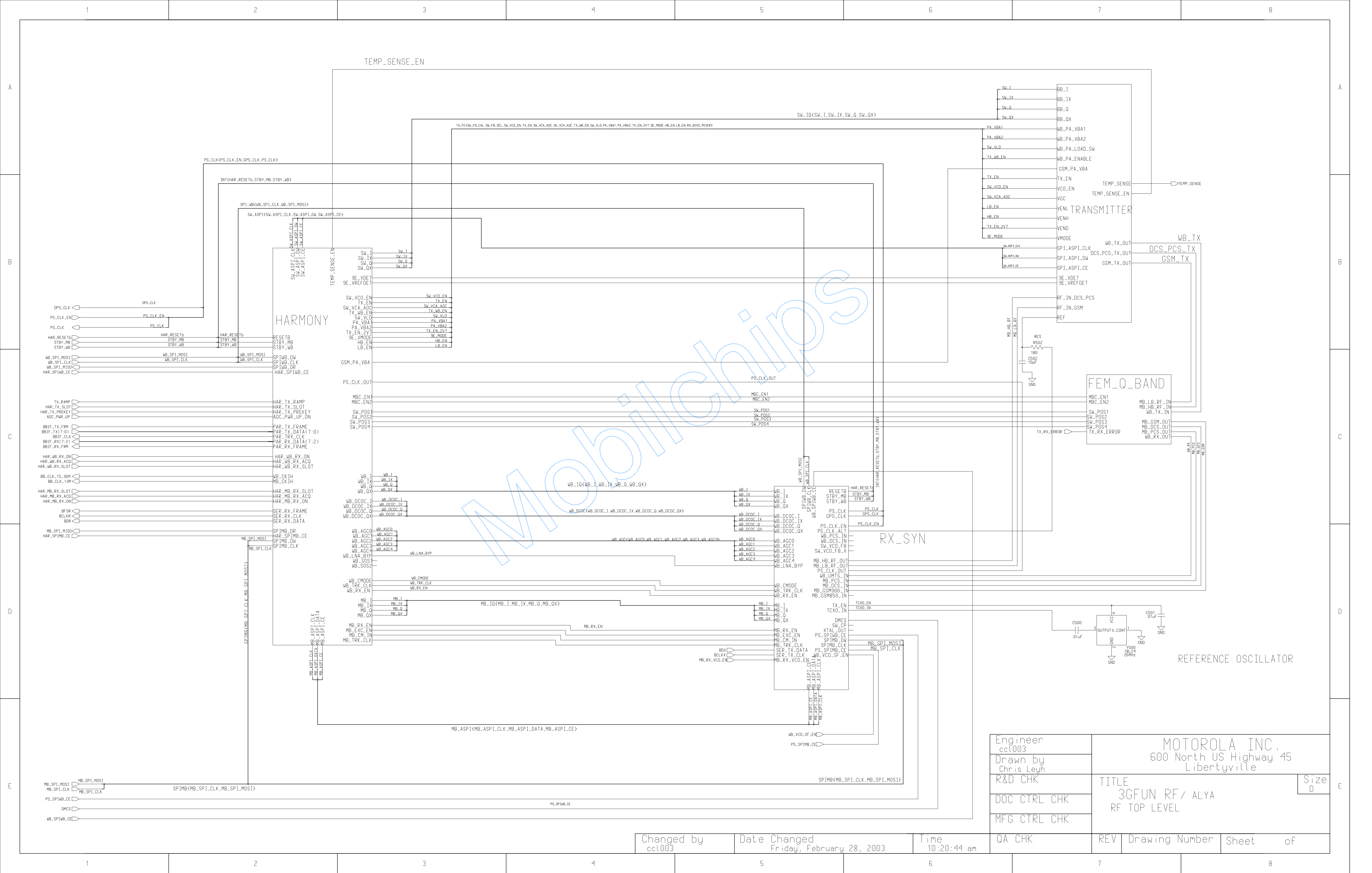
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REV

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Sheet

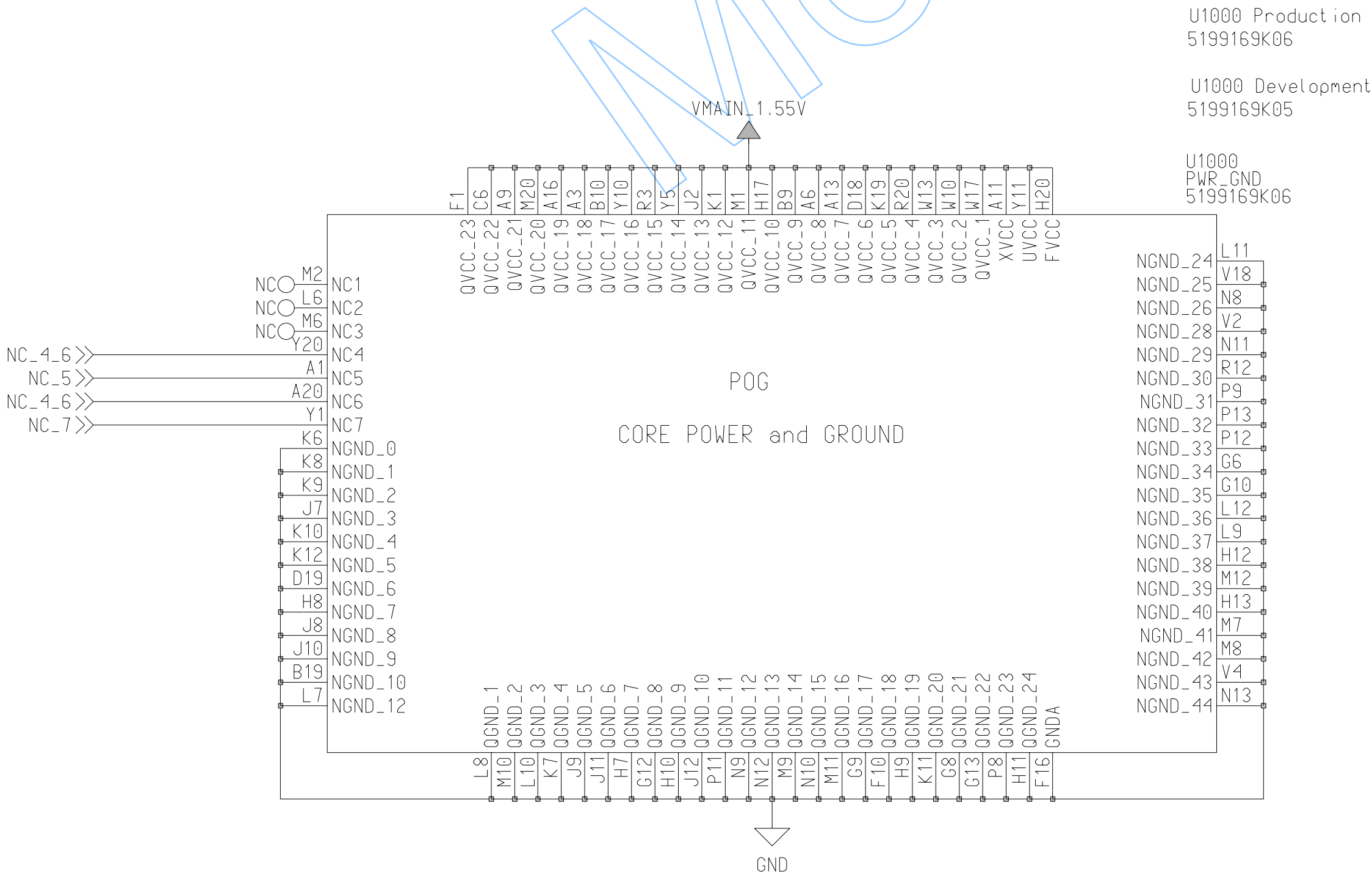
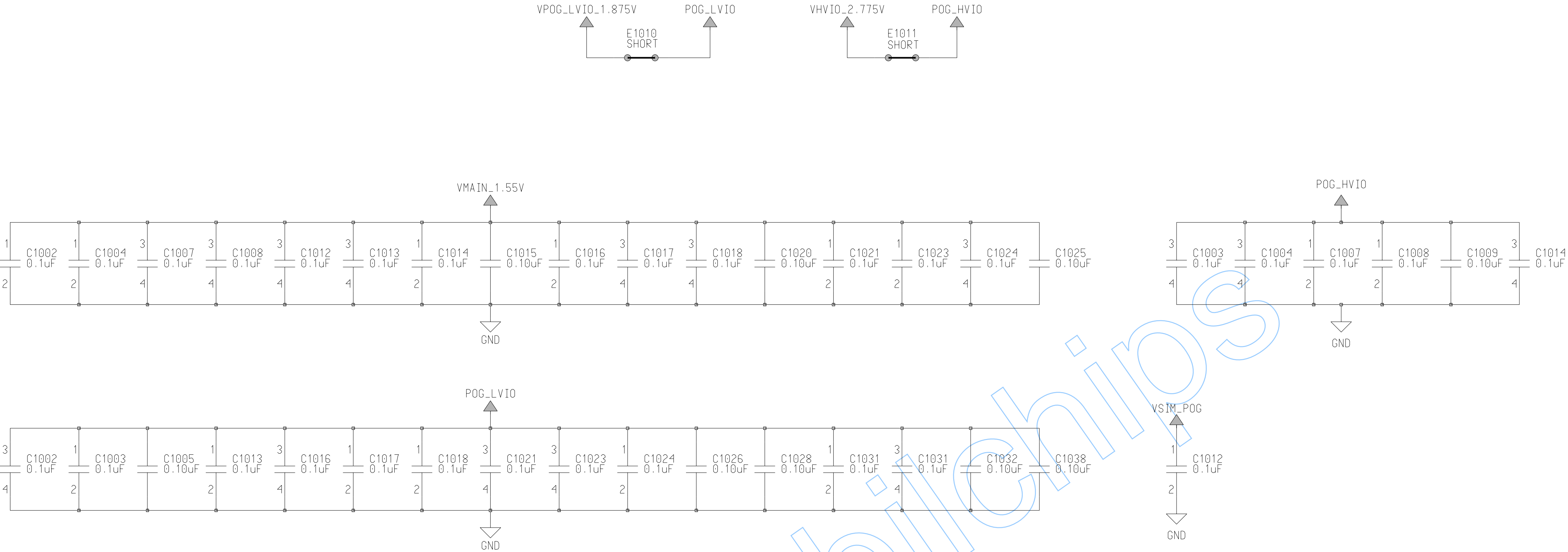
of



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4

Engineer:	 MOTOROLA INC.			
Drawn by:				
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MFG CTRL CHK:				
QA CHK:	REV:	Drawing Number:	Page:	Of:
Changed by:	Date:			Time:



MOTOROLA CONFIDENTIAL PROPRIETARY

Engineer :

Drawn by:

R&D	CHK:
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DOC CTRL CHK:

MFG CTRL CHK:

QA CHK:

Changed by:

 **MOTOROLA INC.**

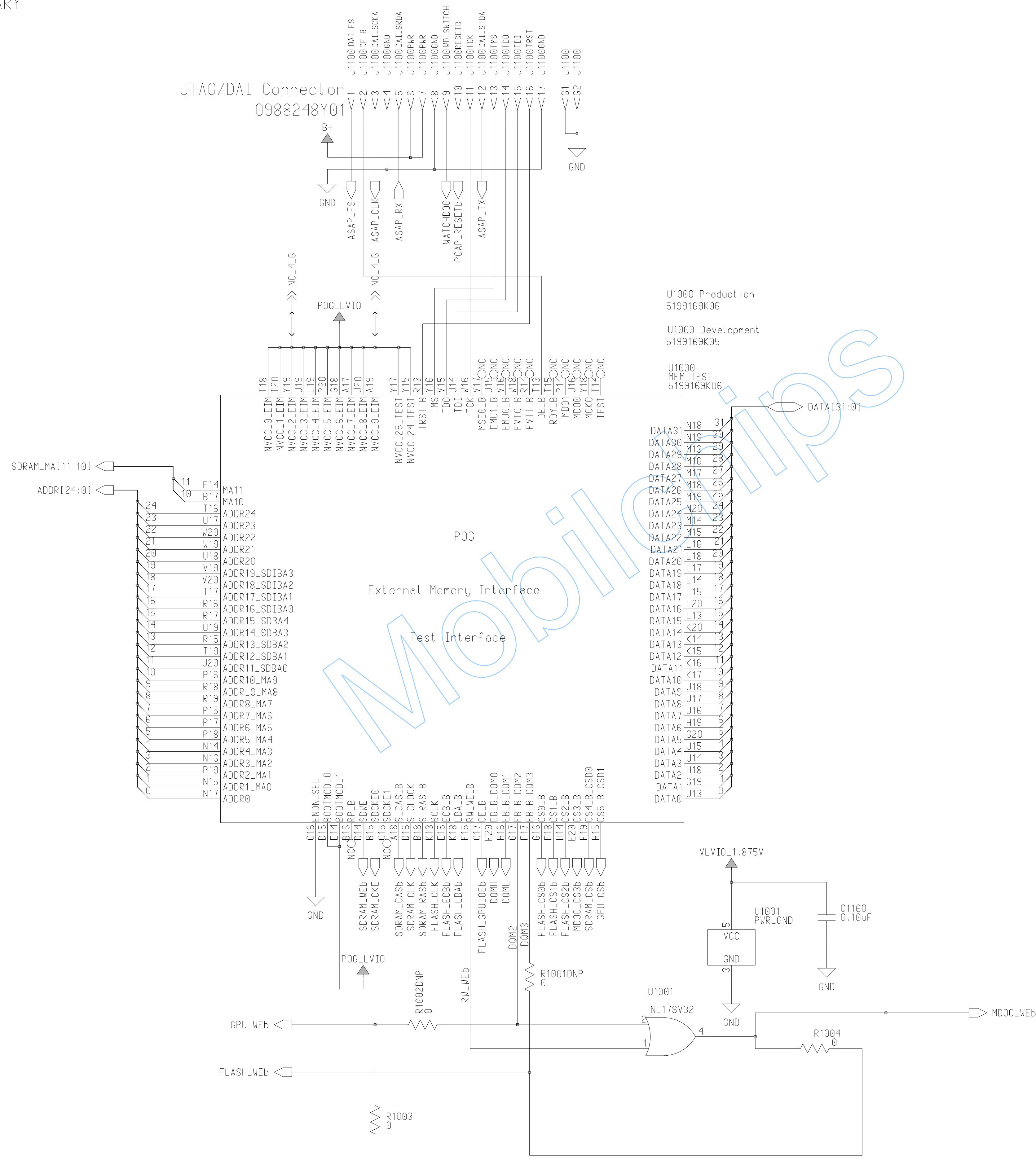
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POG

Memory & Test Interface

REV:	Drawing Number:	Page:	Of:
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Date:	Time:
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Engineer:	<div> MOTOROLA INC.</div>			
Drawn by:				
R&D CHK:	TITLE: SERPENS POG DSP Interface		Size:	
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MFG CTRL CHK:				
QA CHK:	REV: P9	Drawing Number: 8488453Y07	Page:	Of:
Changed by:	Date:		Time:	

