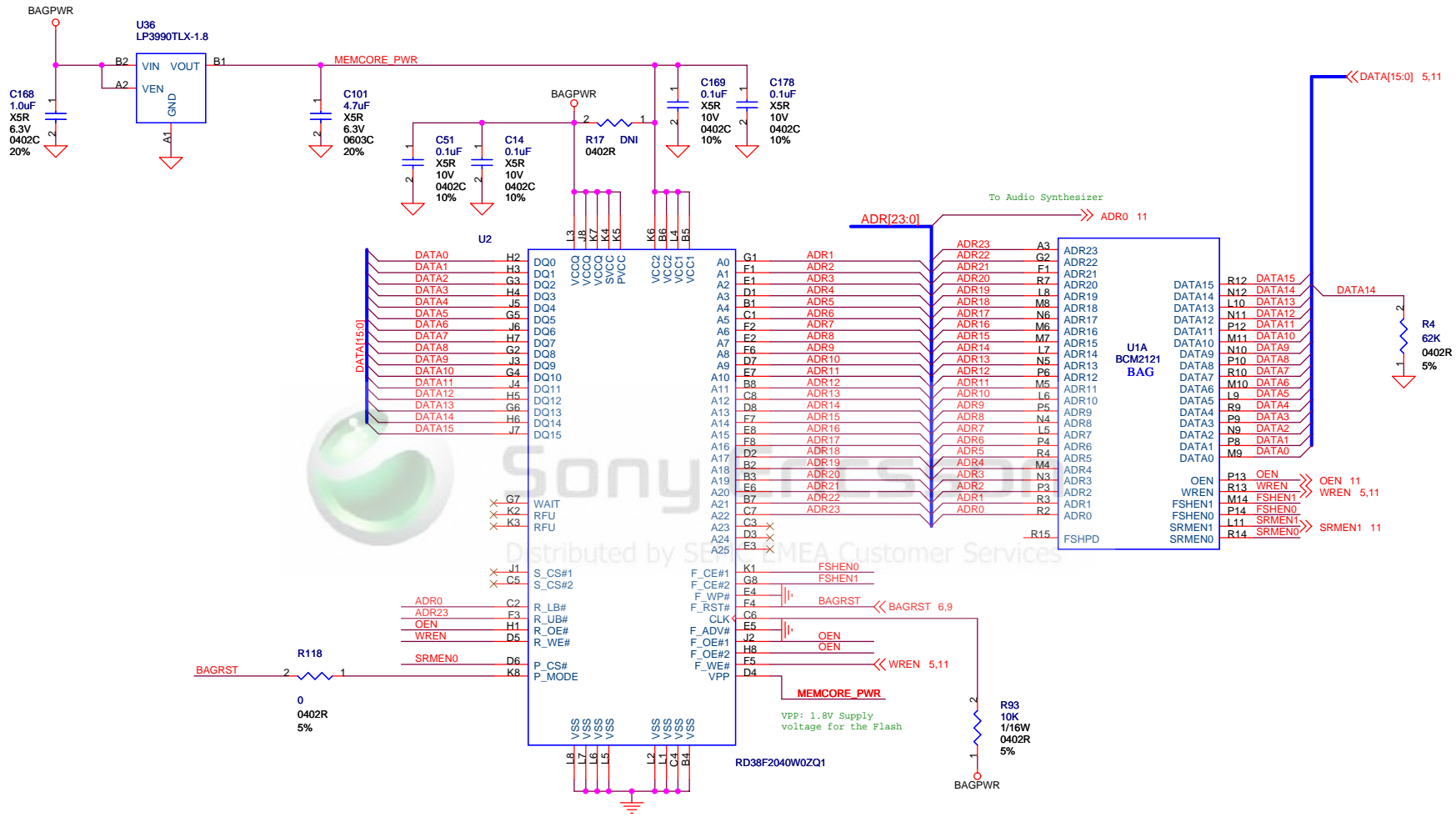


**Table of AUXADC[4:1] Usage**

- 1. AUXADC1: 32KHz Crystal Temperature
- 2. AUXADC2: Battery Charge Voltage Level
- 3. AUXADC3: LCM detection ID
- 4. AUXADC4: Temperature Sensor

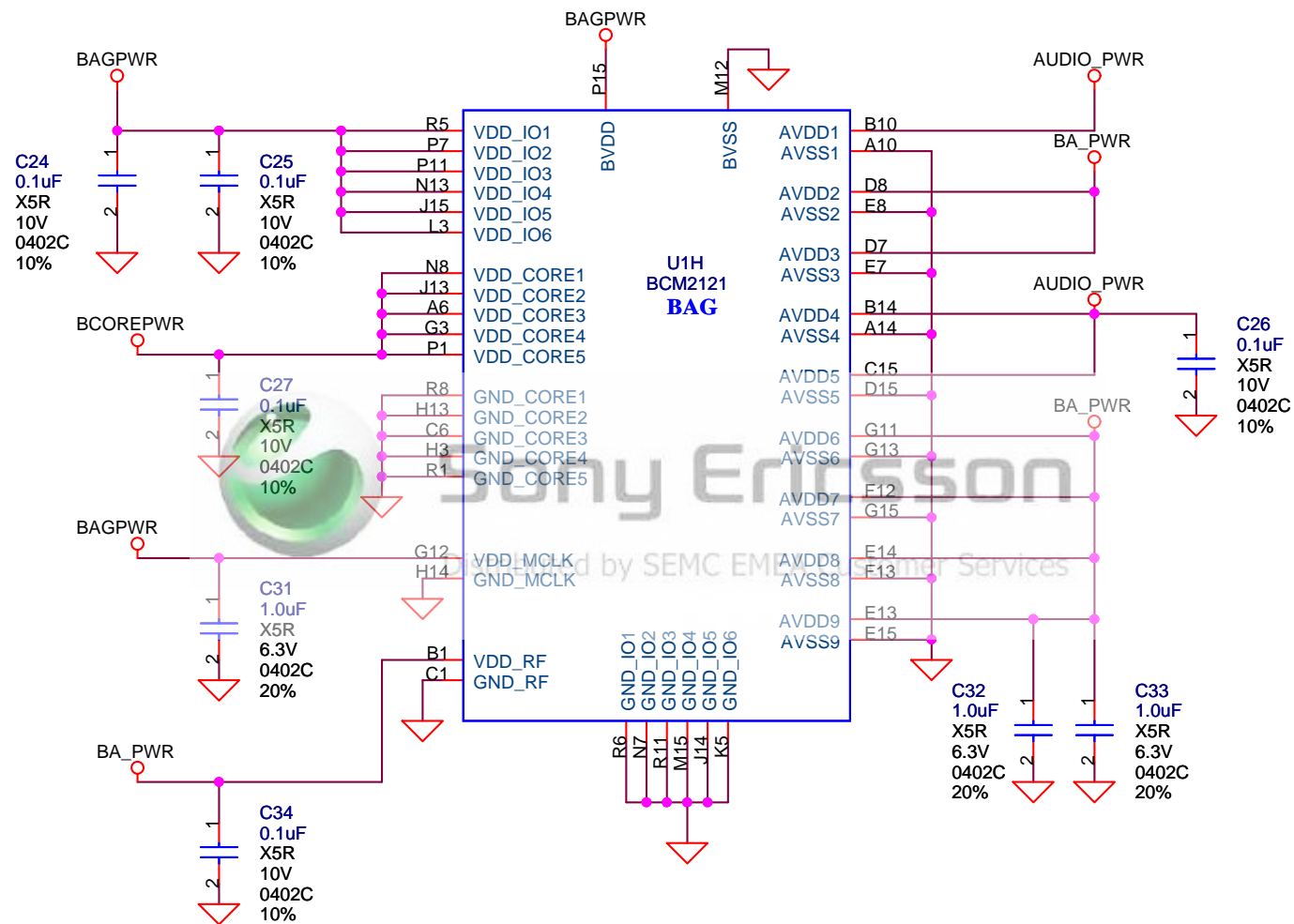
Note: Input voltage range of AUXADC[4:1]: 0V to +1.2V

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<b>Title</b> Analog Voltage References					
<b>Size</b>	<b>Document Number</b>	<b>Rev</b>			
A	MTI-02272US (Moa)	P1A			
<b>Date:</b> Monday, April 11, 2005		<b>Sheet</b> 1	<b>of</b> 15		



ADR23 from ML2121 attached to support 128x32 memory for future upgrades. P/N reflects only 64x32 memory as currently required.

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Title ARM Flash Memory, SRAM Interface					
Size	Document Number				Rev
B	MTI-02272US (Moa)				P1A
Date:	Monday, April 18, 2005	Sheet	2	of	15



DVDD=Digital Power  
 DVSS=Digital Ground  
 AVDD=Analog Power  
 AVSS=Analog Ground

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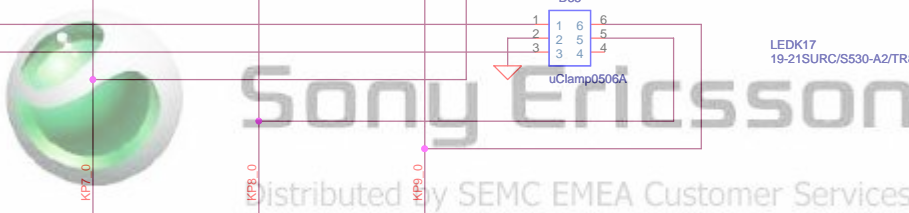
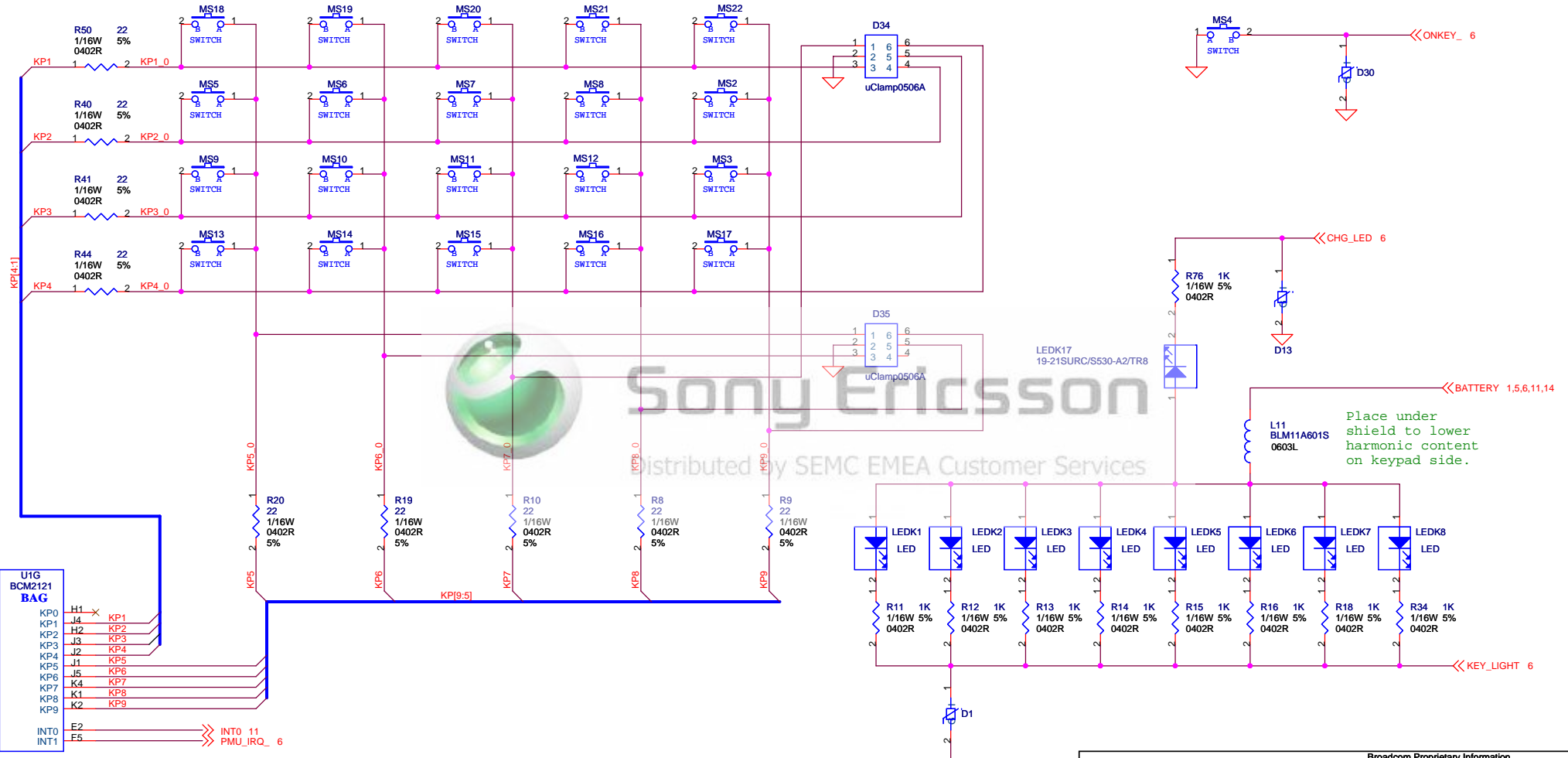
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Title  
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Date: Thursday, March 31, 2005 Sheet 3 of 15



Place under shield to lower harmonic content on keypad side.

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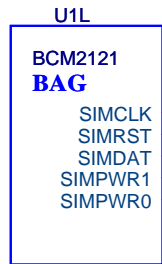
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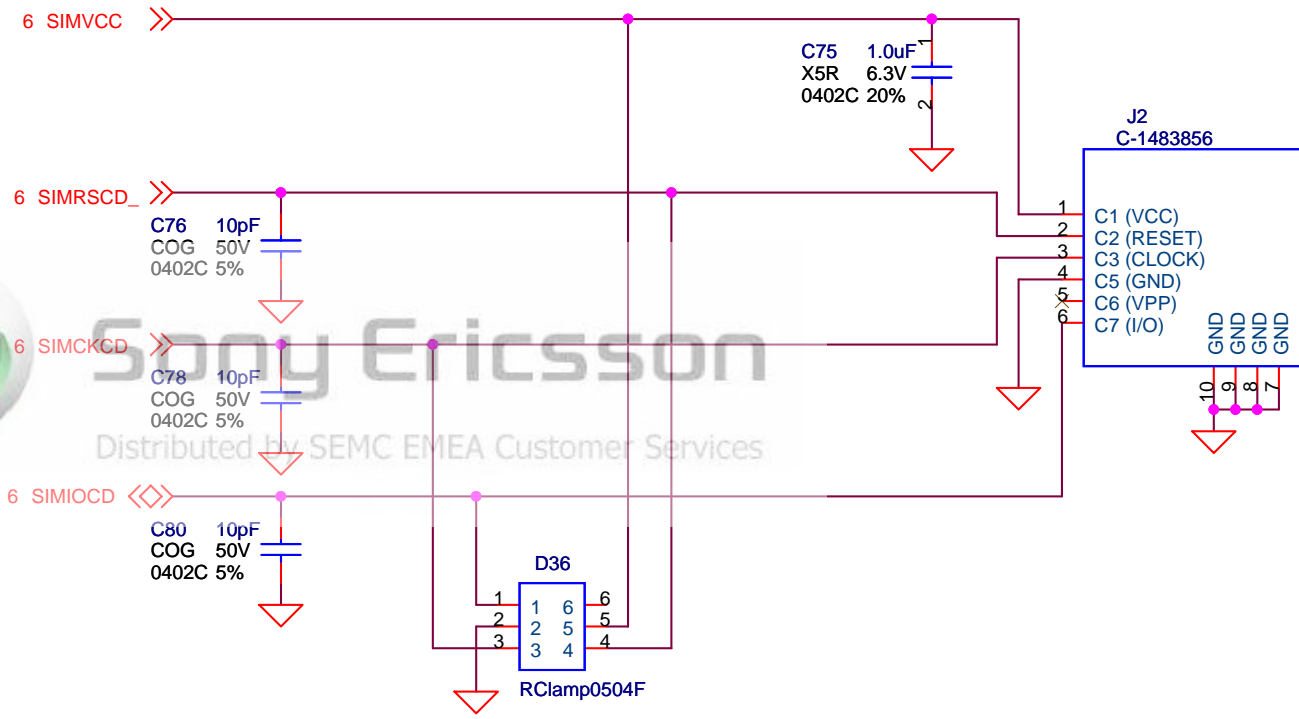
Title Keypad Interface		
Size B	Document Number MTI-02272US (Moa)	Rev P1A
Date: Tuesday, April 19, 2005	Sheet 4 of 15	







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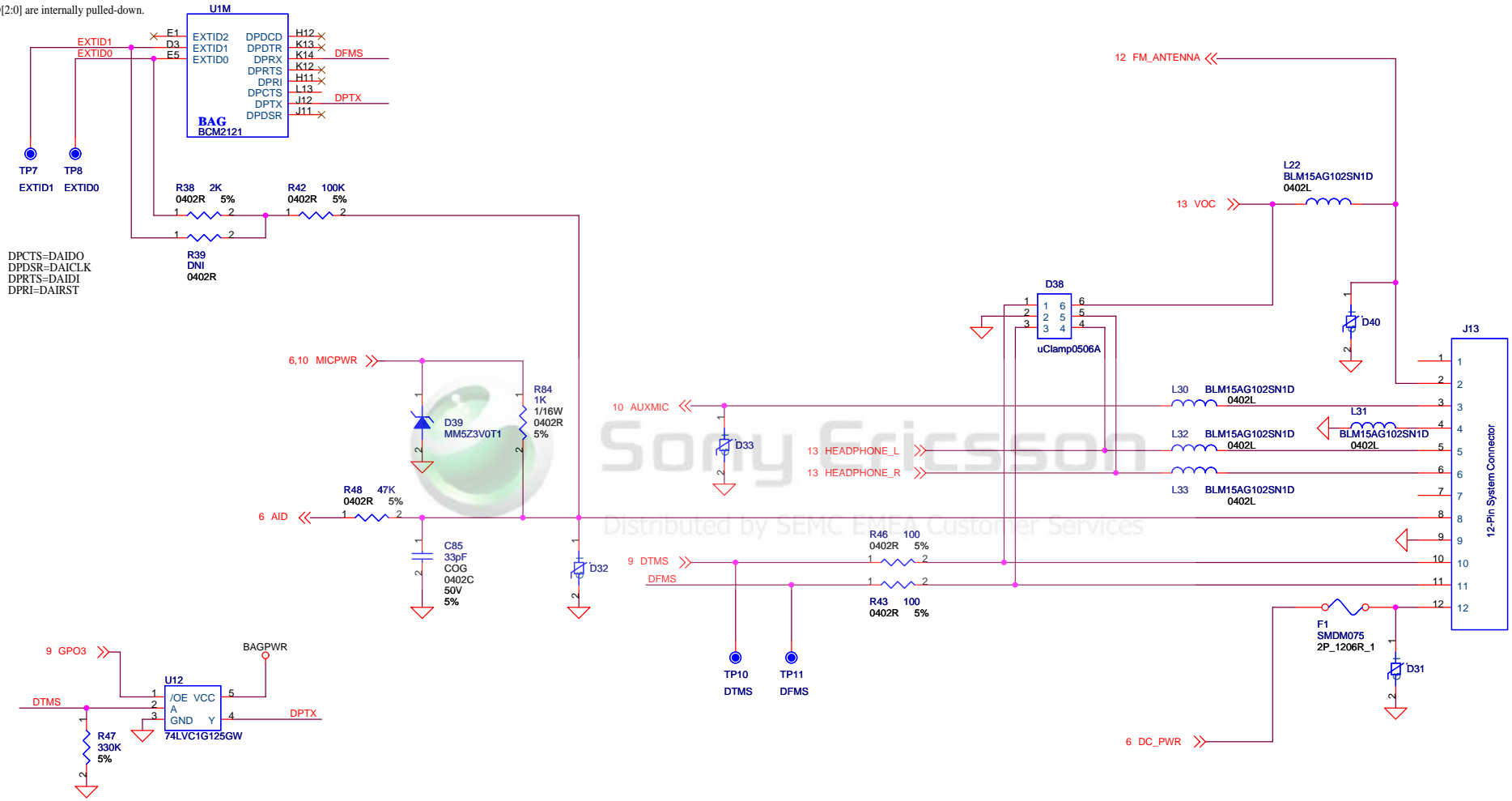
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**Title**  
 SIM Card Interface

<b>Size</b> A	<b>Document Number</b> MTI-02272US (Moa)	<b>Rev</b> P1A
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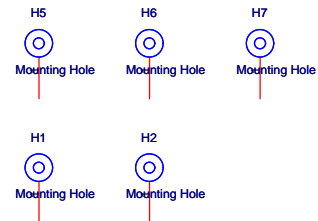
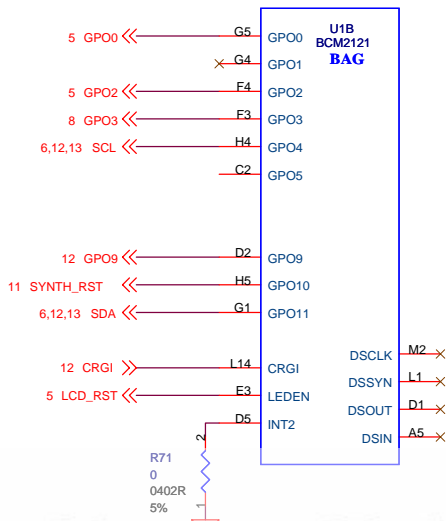
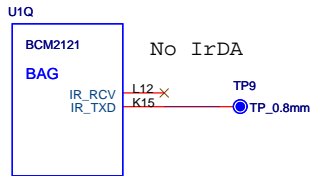
**Date:** Monday, April 11, 2005 **Sheet** 7 **of** 15

Note: EXTID[2:0] are internally pulled-down.



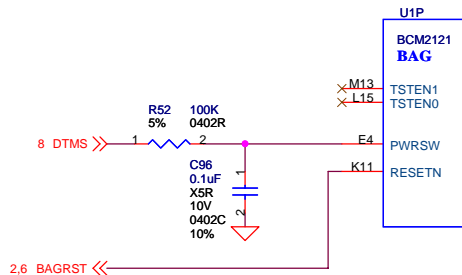
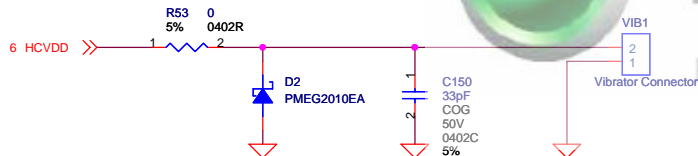
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Title: System Connector Interface					
Size: B	Document Number: MTI-02272US (Moa)				Rev: P1A
Date: Monday, April 18, 2005	Sheet: 8 of 15				



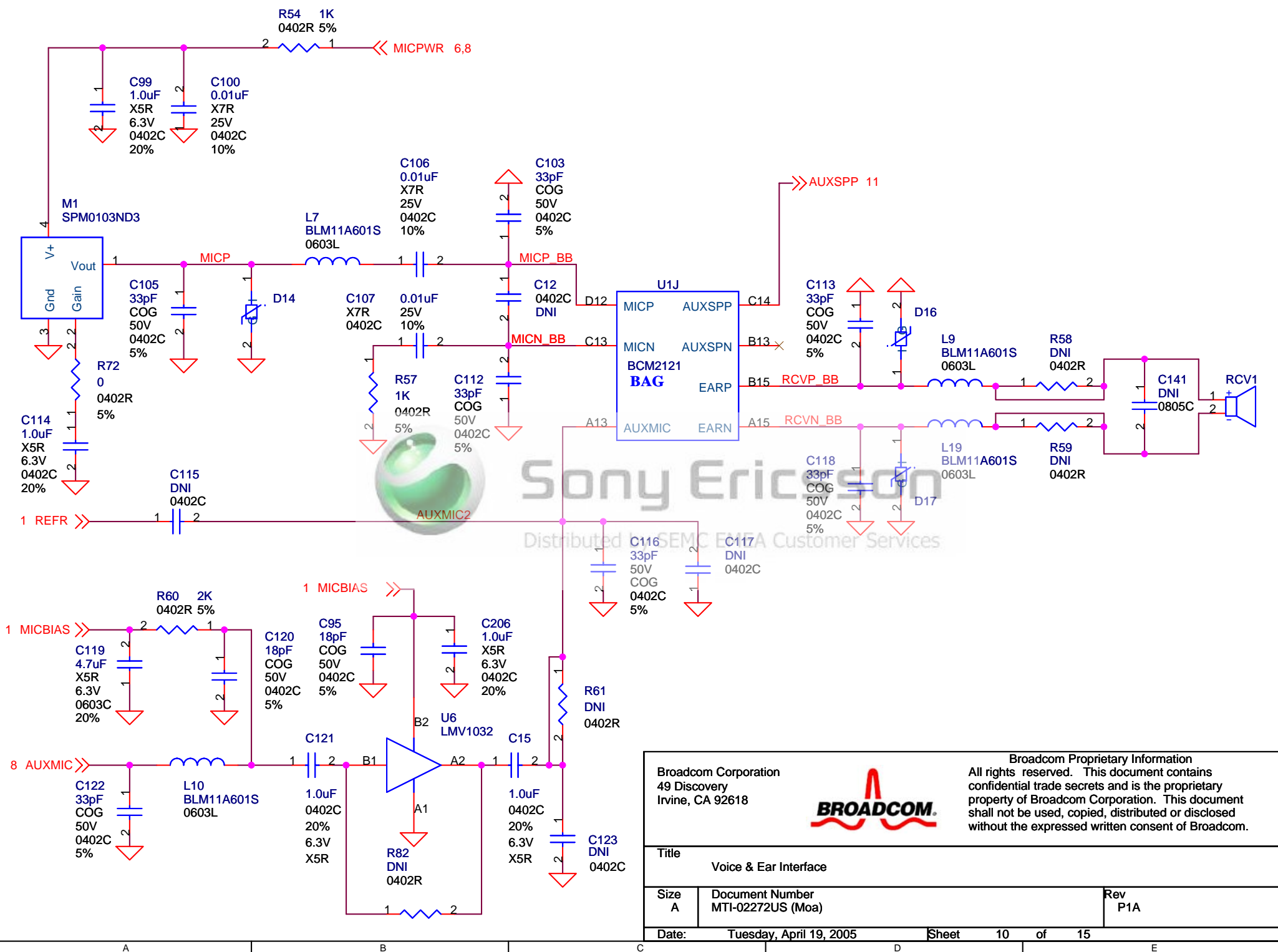


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Title Transducer, LED & LCD Front Light			
Size B	Document Number MTI-02272US (Moa)	Rev P1A	
Date:	Tuesday, April 19, 2005	Sheet	9 of 15

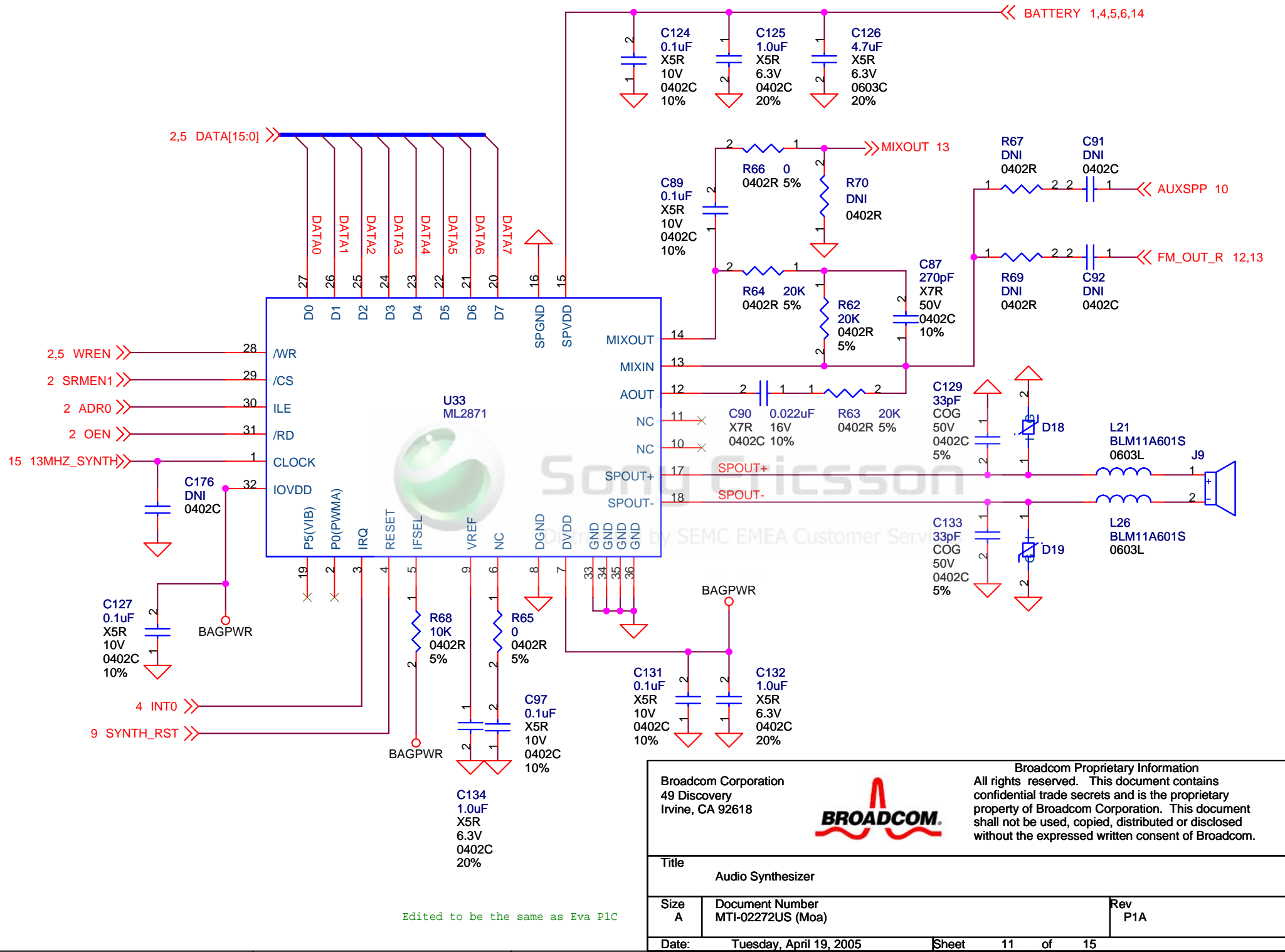


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Title Voice & Ear Interface		
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Edited to be the same as Eva P1C

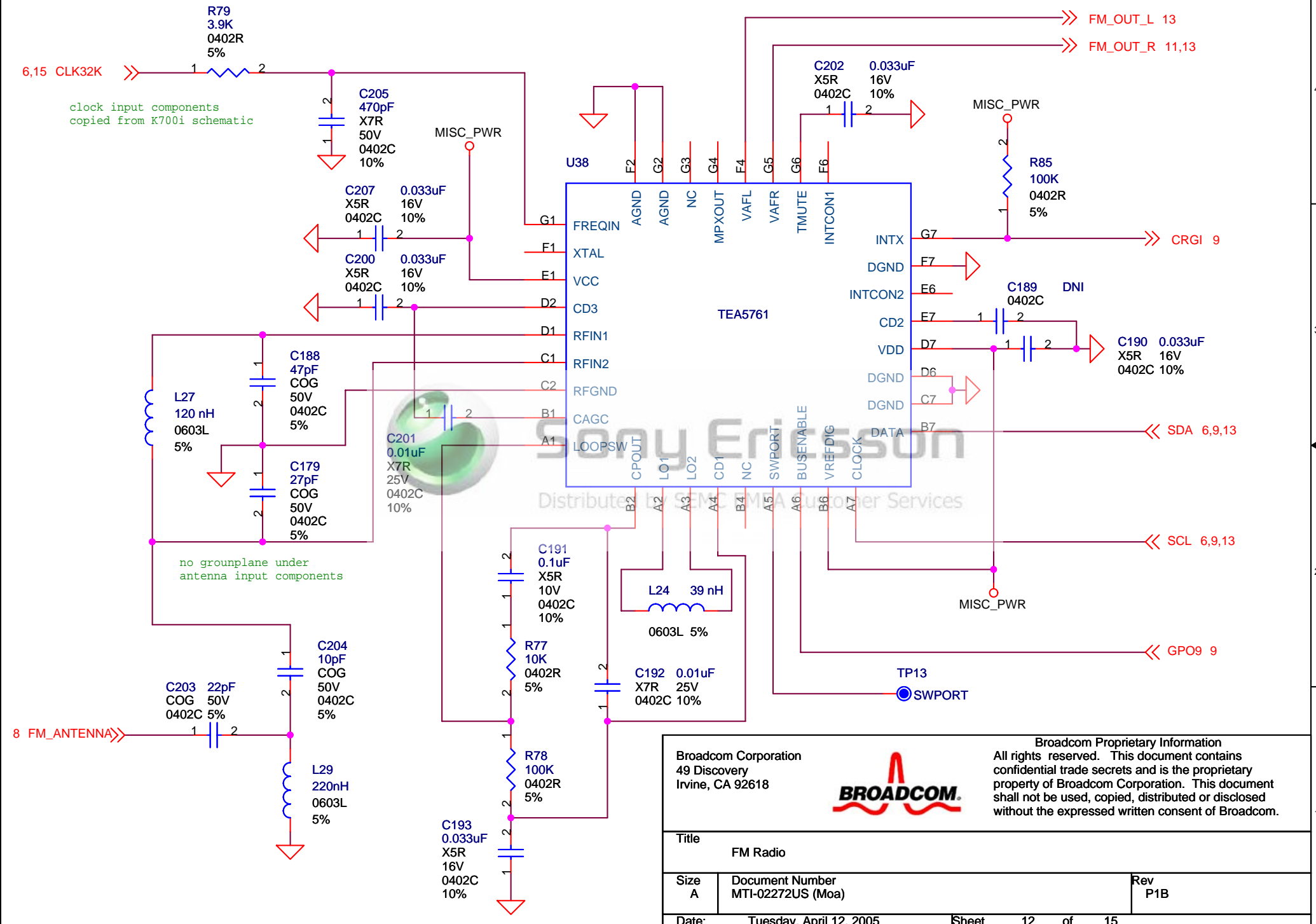
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Title  
 Audio Synthesizer


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Date: Tuesday, April 19, 2005 Sheet 11 of 15



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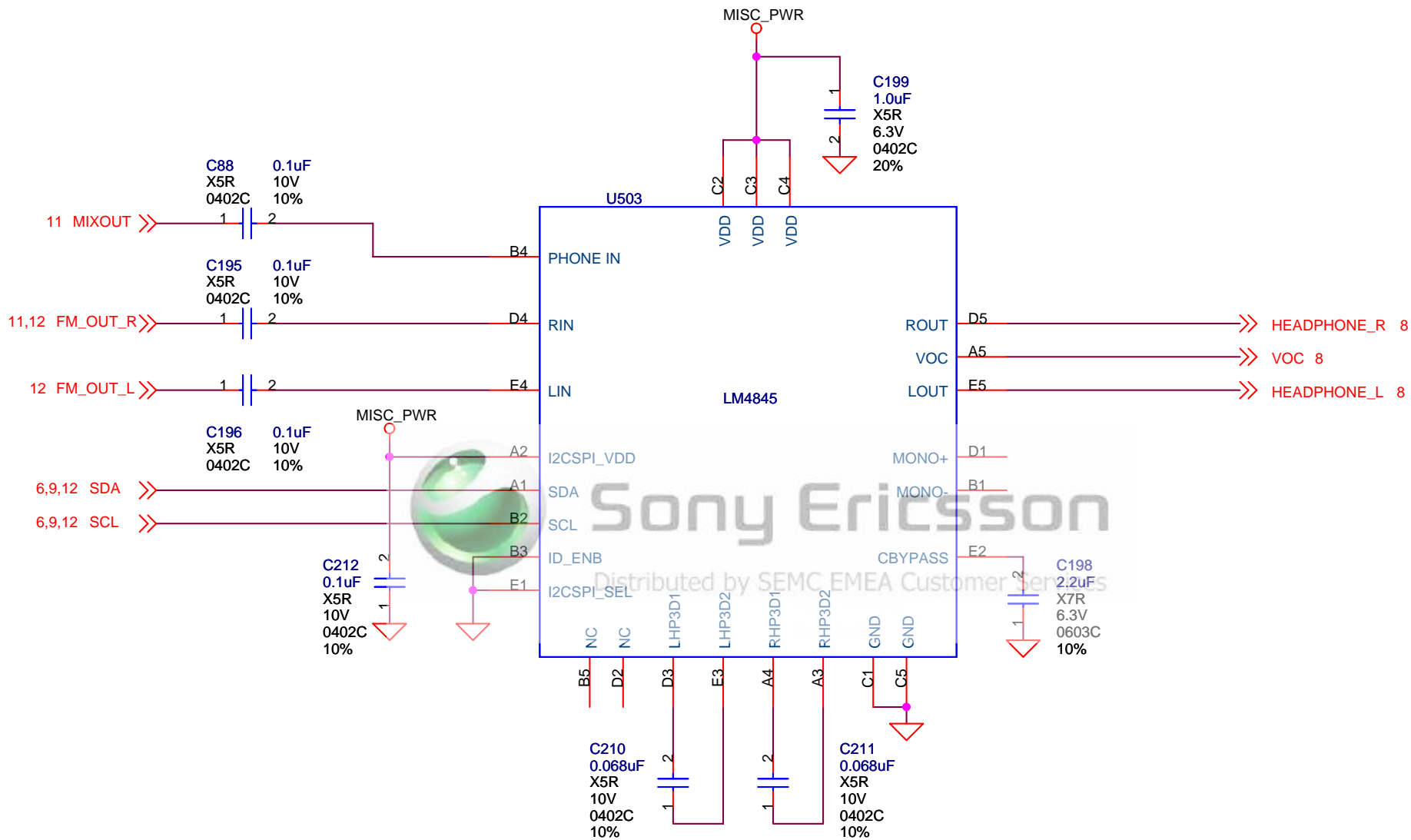
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**Title**  
 FM Radio

<b>Size</b> A	<b>Document Number</b> MTI-02272US (Moa)	<b>Rev</b> P1B
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**Date:** Tuesday, April 12, 2005 **Sheet** 12 **of** 15



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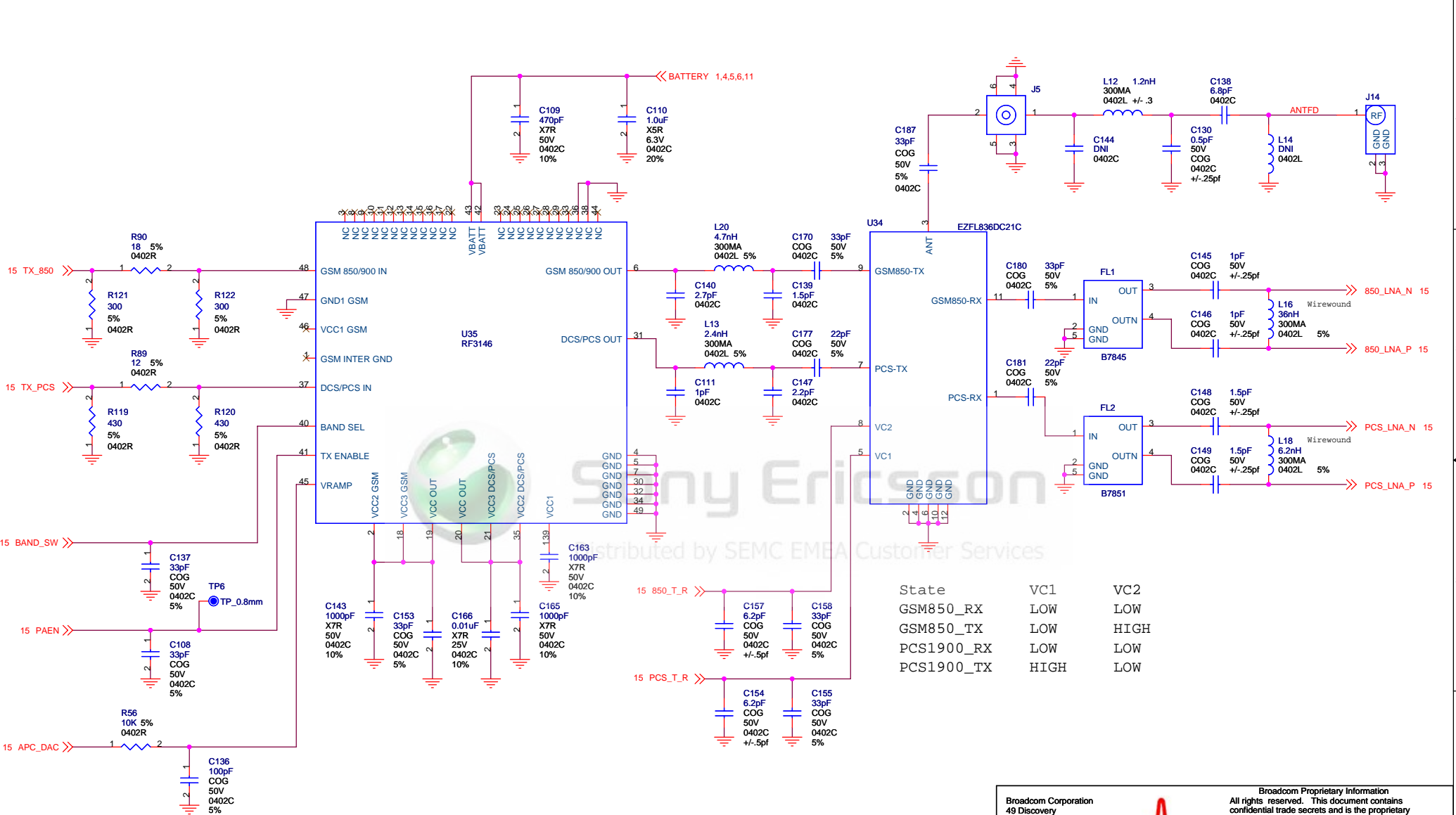


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Title  
Audio Amplifier

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Date: Tuesday, April 19, 2005 Sheet 13 of 15

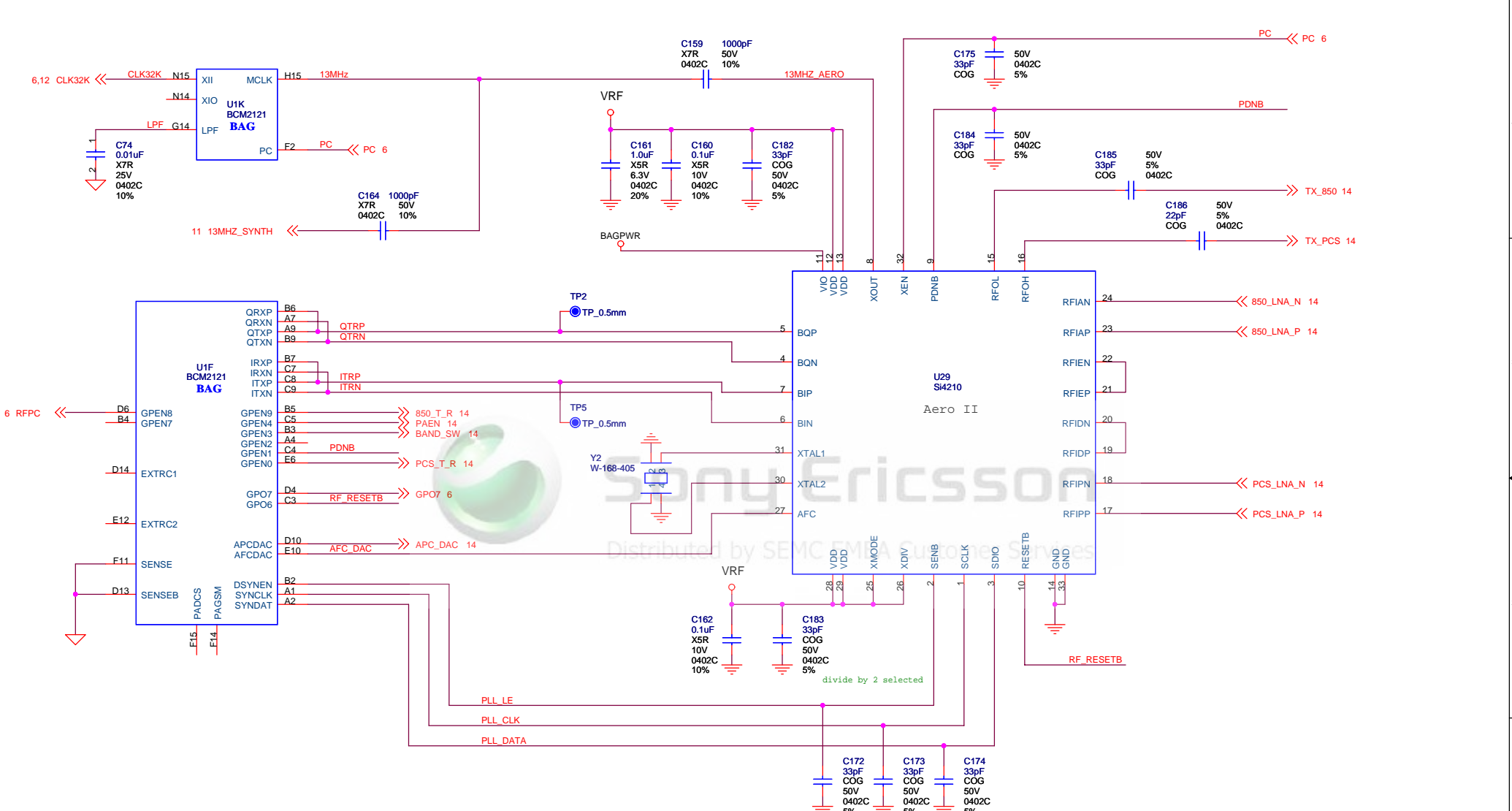


check ramp voltage output from BB and input to PA


State	VC1	VC2
GSM850_RX	LOW	LOW
GSM850_TX	LOW	HIGH
PCS1900_RX	LOW	LOW
PCS1900_TX	HIGH	LOW

# PA and Front End

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Date: Monday, April 18, 2005	Sheet: 14 of 15				



# Transceiver

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Title					
RF Transceiver					
Size	Document Number				Rev
B	MTI-02272US (Moa)				P1A
Date:	Monday, April 11, 2005		Sheet	15	of 15