


PROJECT NAME:
DIGIPACK400

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FILE NAME:
DIGIPACK400_SCH_1_1_SchDoc

PCB: DIGIPACK400
PST427

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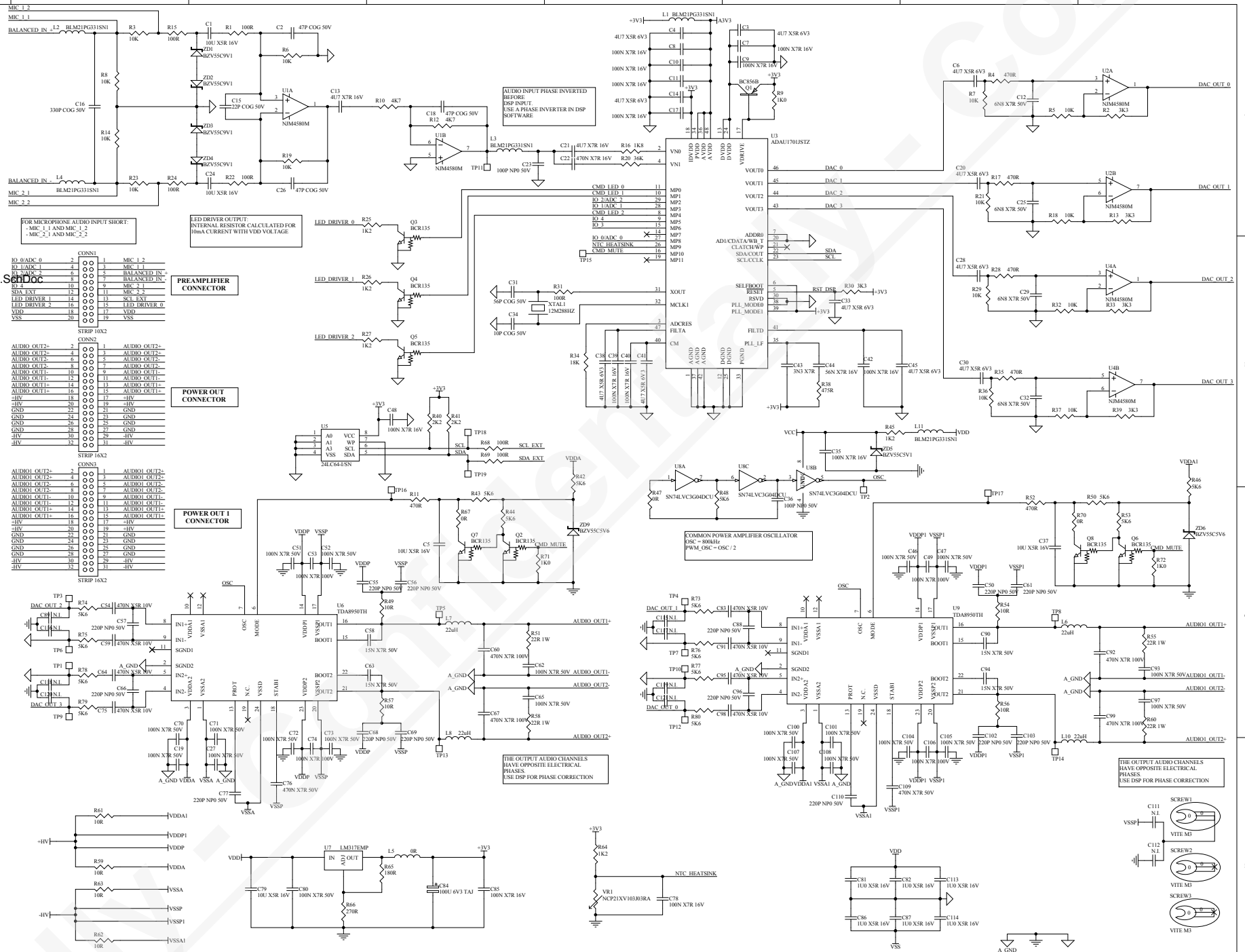
DESCRIPTION:

SHEET: 1 / 1

NOTE/COMMENTS:

REVISION: 08/07/2010
1.1

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FOR MICROPHONE AUDIO INPUT SHORT:
-MIC_1_1 AND MIC_1_2
-MIC_2_1 AND MIC_2_2

LED DRIVER OUTPUT:
INTERNAL RESISTOR CALCULATED FOR
10mA CURRENT WITH VDD VOLTAGE

AUDIO INPUT PHASE INVERTED
BEFORE
DSP INPUT.
USE A PHASE INVERTER IN DSP
SOFTWARE

COMMON POWER AMPLIFIER OSCILLATOR
OSC = 800kHz
PWM OSC = OSC / 2

THE OUTPUT AUDIO CHANNELS
HAVE OPPOSITE ELECTRICAL
PHASES.
USE DSP FOR PHASE CORRECTION

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