VCC

C2 100nF

GND

U2   MCP4921

J2

6	LDAC
5	CS
4	SCK
3	SDI
2	VCC
1	GND

CS   CS   2
SCK   SCK   3
SDI   SDI   4
LDAC LDAC 5

!CS!
SCK
SDI
!LDAC!

VDD

VREF
VOUT   6
       8

VSS

7

GND

VCC

R1 100k

R2 1.5k

C4 100nF

GND

C5 10nF

GND

R3 50k   1
         2
         3

GND

11kHz LPF

VCC

C1 100nF

GND

TL072C

U1A

2 −
       8
       V+
3 +
       4
       GND

1

U1B

6 −
5 +

7

C3 100uF/16v

GND

RS

LS   RS

LS   L

R

R

COM1

COM1
COM2

COM2

GND

Speaker

GND   1
      2

J3   1
     2

GND

CATALEX

TITLE: Wav Speaker v0.9b

Design: Fred.Chu   Check:

Date: 08/20/2013   Vision: v0.9b   Sheet: 1/1

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