

Re: Pinouts for TI speech ICs

Source: <http://sci.tech-archive.net/Archive/sci.electronics.components/2006-06/msg00295.html>

- *From:* Franc Zabkar <fzabkar@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 30 Jun 2006 18:42:58 +1000
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On Fri, 30 Jun 2006 06:34:19 +0200, Matthieu Benoit
<matthieu.benoit@xxxxxxx> put finger to keyboard and composed:

Franc Zabkar wrote:

On 29 Jun 2006 13:25:31 -0700, "Arild P." <no-spam2@xxxxxxx> put
finger to keyboard and composed:

Matthieu Benoit wrote:

Hello Arild,
I wonder if part CD8011ANL, CD2354NL
from TI are house number
because I have a computer card with those
kind of p/numbers which
could be memory (prom) chips.

Could be.
I finally got through to Texas Instruments and got a reply
where they
told me they couldn't be of any help as they no longer had
any access
to information regarding those (discontinued) products.
But I've picked up a little information here and there, enough
to know
that the TMC-0281 is a speech-synthesis chip.
One of the two other ICs is indeed a ROM chip, though I'm
not sure
which one.

Any ideas where I can go to get information and pinouts?

The 23xx number looks ROM-ish. For example, the 2316, 2332, and 2364
were Commodore 24-pin, 2K x 8, 4K x 8, and 8K x 8 ROMs. Let me know

Re: Pinouts for TI speech ICs

if
you need the pinouts.

– Franc Zabkar

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Please remove one 'i' from my address when replying by email.

Hello Franc :

I am in need to identify some ROM chips + pinouts etc that are
on microcomputer cartridges ,

P/n are : CD2155

CD2156NL

CD2157 (those three previous p/n are in the micromputer unit (inside))

CD2215A

CD2204A

CD2293 etc in the cartridges

those little memories are dip 2x9pins and the microcomputer unit is a
Ti-99/4a.

thank you for your help,

@+

Matthieu

I think Eric is correct in saying that the correlation between TI
CD23xx ROM numbers and Commodore 23xx numbers is purely coincidence.
After further research I've discovered that "CD" means "Custom Data".

See http://www.datamath.org/Story/Speak_Version.htm

The abovementioned website lists many ROM chips which are marked with
the base part number (eg TMC0350) as well as the specific ROM code (eg
23xx).

See http://www.datamath.org/Speech/Images/SpeaknSpell_UK_PCB.jpg

In the OP's case, the CD2354 appears to be a TMC0350 ROM chip
programmed with ROM code 4 or 54. I suspect you have the same scenario
although your base part number would be different (the TMC0350 is a
28-pin IC).

– Franc Zabkar

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