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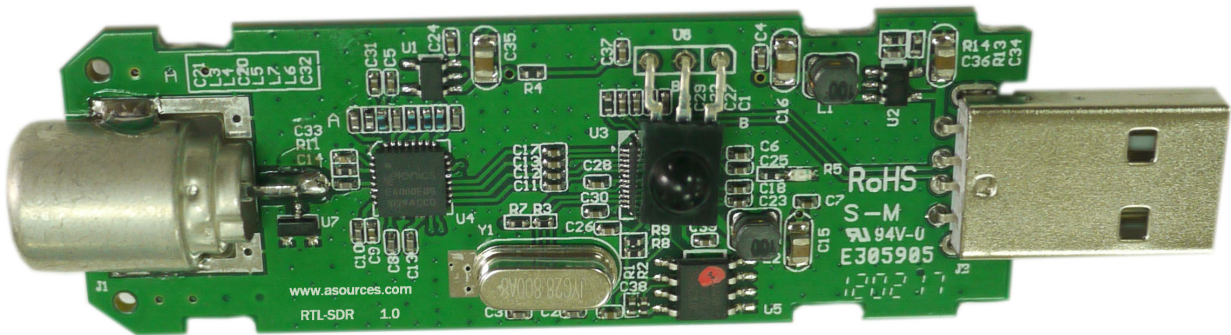
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OSSLab thx???:

????? <http://sdr.osmocom.org/trac/wiki/rtl-sdr>

?????DVB-T ???Linux ?????? ?????????????????? RTL-SDR
<http://thread.gmane.org/gmane.linux....61/focus=44461>



???? MMCX?

????????? ???? ??

??

MMCX ?SMA

MMCX ?F?

GPS ?? (???MMCX)

VHF +UHF ??

GSM ??

RTL2832U ?????SDR (?????????) ?????????? ASIC

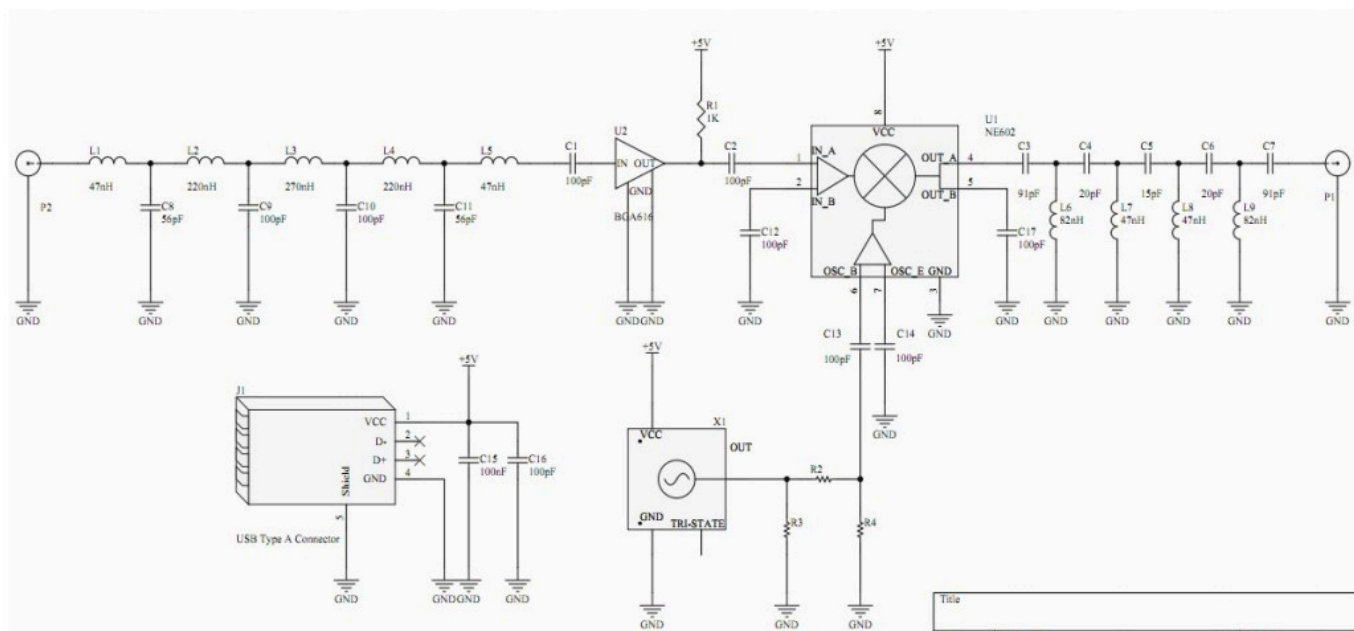
E4000 RF tuner ?(64MHZ - 1700 MHz).

E4000->???? I+Q??->RTL2832U ?? ?????

[I+Q ??](#)

??????HF ??(1?8MHz?29?7MHz)

???? ??????



BUG:????buffer?? ?????????? SSD?ramdisk ?????

RTL2832U????

http://www.linuxtv.org/wiki/index.ph...alTek_RTL2832U

<http://wiki.spench.net/wiki/RTL2832U>

| | Notes |
|---------------------|--|
| Resolution | 8 bits |
| Minimum sample rate | > 900 ksp/s (must be greater!) |
| Maximum sample rate | 3.2 Msp/s |
| Nominal sample rate | 1 Msp/s (much higher and subtle signal degradation) |
| Clock | 28.8 MHz internal oscillator (expect phase noise) |
| Spectrum flatness | (Definitely not flat at centre, worse with low gain) |
| AGC | Disabled for E4000, but still active somewhere (in demod?) |
| Sensitivity | TBD (decent all things considered) |
| Quality | Don't expect anything remotely close to USRP |
| Price | |

E4000 RF IC Spec (?????)

Funcube Dongle ?????IC???...??????????96Khz...

<http://www.funcubedongle.com/>

?????

F?

MMCX

??

1.?????????Ham ???????

2.?????(?)???????

3.???????????

4.????????????????? ??????A/D +??

?????????????

1.<http://michelebavaro.blogspot.it/201...dr-domain.html>

GPS decode (??????Galileo ????? receive and decode)

2. ?? NOAA-18 ????? 137MHz ??

<http://www.oz9aec.net/index.php/gnu-...gle-on-the-air>

<http://www.neoteo.com/como-bajar-ima...de-un-satelite>

3.P25????? ???

<http://www.youtube.com/watch?v=wShOLgW2tmI>

http://wiki.spench.net/wiki/gr-baz#rtl_source_c Follow me @spenchnet <http://twitter.com/spenchnet>

OP25: <http://op25.osmocom.org/>

??P25?????????? <http://anta-technology.blogspot.com/2011/05/p25.html>

4.?????? Automatic Dependent Surveillance-Broadcast (ADS-B)

<http://hackaday.com/2012/04/16/playi...io/#more-71692>

<http://spenchnet.net/drupal/research/mode-s> | <http://wiki.spenchnet.net/wiki/Modez>

<https://www.youtube.com/watch?v=bKzii5K3AqA>

5.Pocsag(?call?????)

<https://github.com/OpCode1300/RTLSDR>

6.GMR [Thuraya](#) ??????

<http://gmr.osmocom.org/trac/>

7.TETRA?Terrestrial Trunked Radio ????????

???XX??? ??X ??Tetra

<http://tetra.osmocom.org/trac/>

Speech code

8. ETSI Global System for Mobile communication

9.INMARSAT???? ?? ??? ??dish ?? <http://www.inmarsat.com/>

<http://www.youtube.com/watch?v=zuyHpx1tnWI>

10.????????????sniffer

<https://github.com/kevinmehall/rtlsdr-433m-sensor/>

11. ???FM

http://www.reddit.com/r/RTLSDR/comme...g_wrplus_192k/

12.PC-HFDL ???????,??HF ???HFDL ??? (?????????)

<http://www.helloq.net/forum/read.php?tid-294003.html>

13.DAB ???

http://www.reddit.com/r/RTLSDR/comme..._any_rtl2832u/

14. AMPS

15.???????????

<http://sdrsharp.com/>

http://wiki.radioreference.com/index...are_package%29

16 ??

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1.HSDR

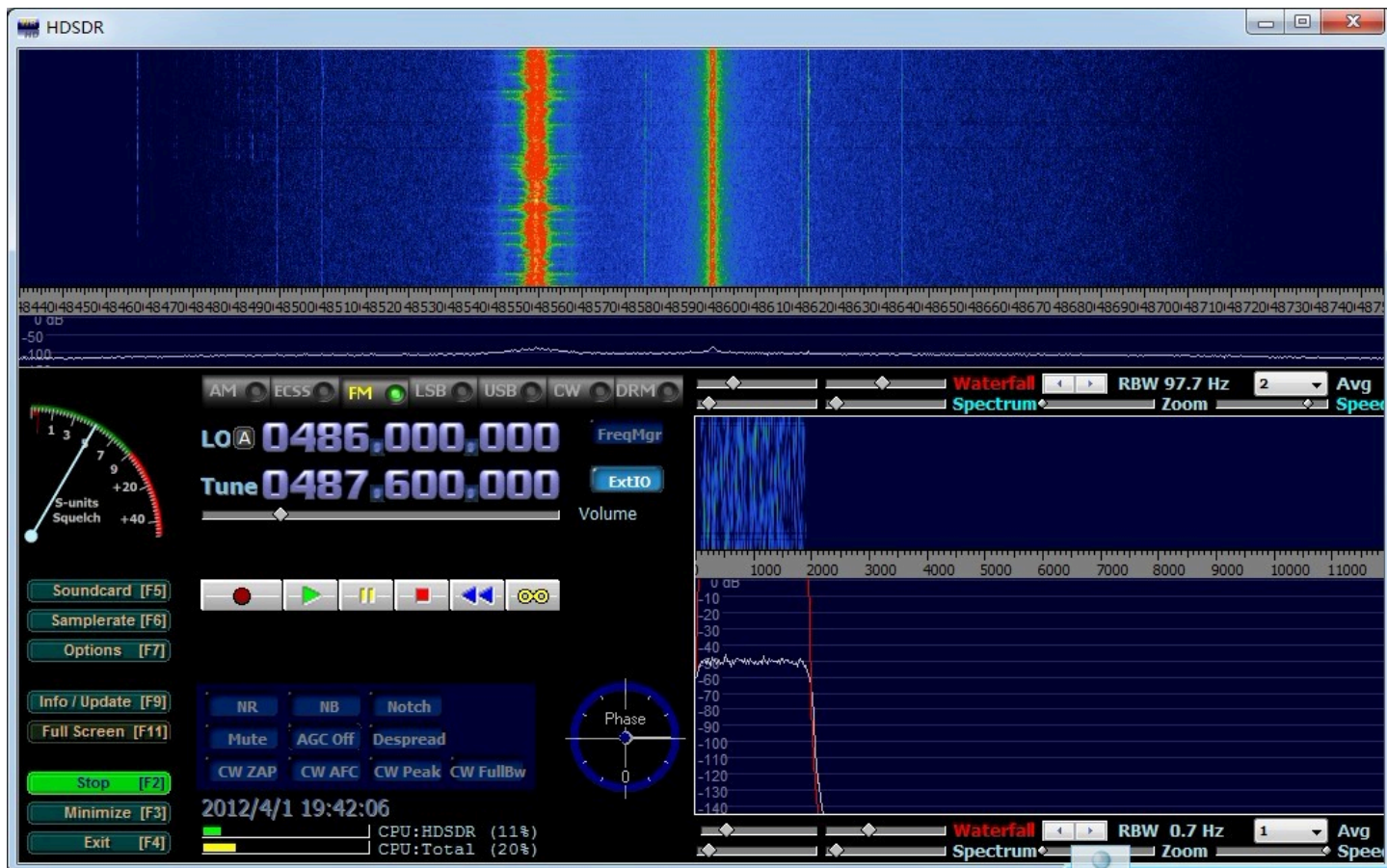
HSDR ?Windows ????????,???RTL-SDR?RF???????

[E4000 RTL SDR HSDR ??????](#)

????? ????????

http://wiki.spench.net/wiki/USRP_Interfaces

<http://thenewtech.tv/community/dongular-deviation>



2.pyrtlsdr

??gnu radio ??

apt-get install gnuradio (??? code ??)

????

lsusb (???????????)

sudo apt-get install libusb-1.0-0-dev

cd rtl-sdr

cd src

make

http://wiki.spench.net/wiki/Gr-baz#rtl_source_c

gr-baz ??GNU Radio ?? ?? ????

SDR ??

FM radio

http://www.reddit.com/r/RTLSDR/comme...radio_grc_rtl/

??????

http://www.reddit.com/r/RTLSDR/comme...e_recognition/

????? RADAR??

<http://safety.iot.gov.tw/research/fi...5%E4%BC%B0.pdf>

? Driver and software in windows

http://www.kuaipan.com.cn/file/id_20...3046608910.htm

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<http://www.reddit.com/r/RTLSDR/>

<https://groups.google.com/forum/#!forum/sdr-widget>

<http://www.hellocq.net/forum/read-ht...27-page-1.html>

IRC

<http://webchat.freenode.net/?channels=##rtlsdr>

QQ?

SDR??? 227987362

GNURadio?? 48170012

SDR & DRM ???? 116030368