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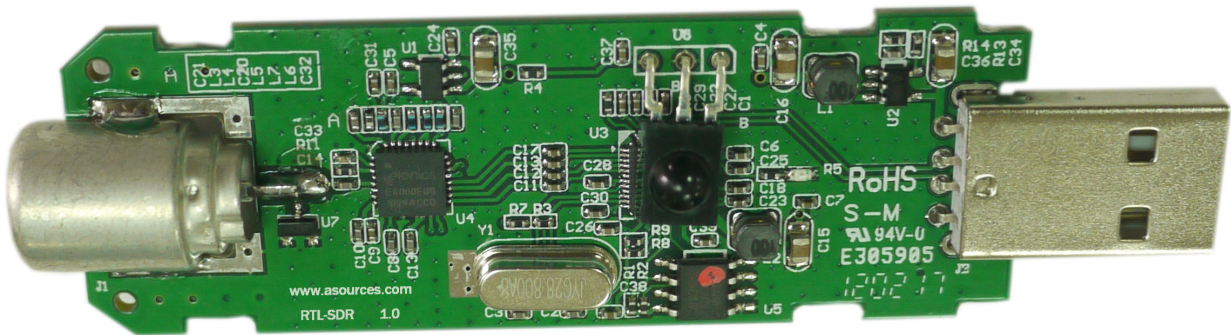
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OSSLab thx???:

????? <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

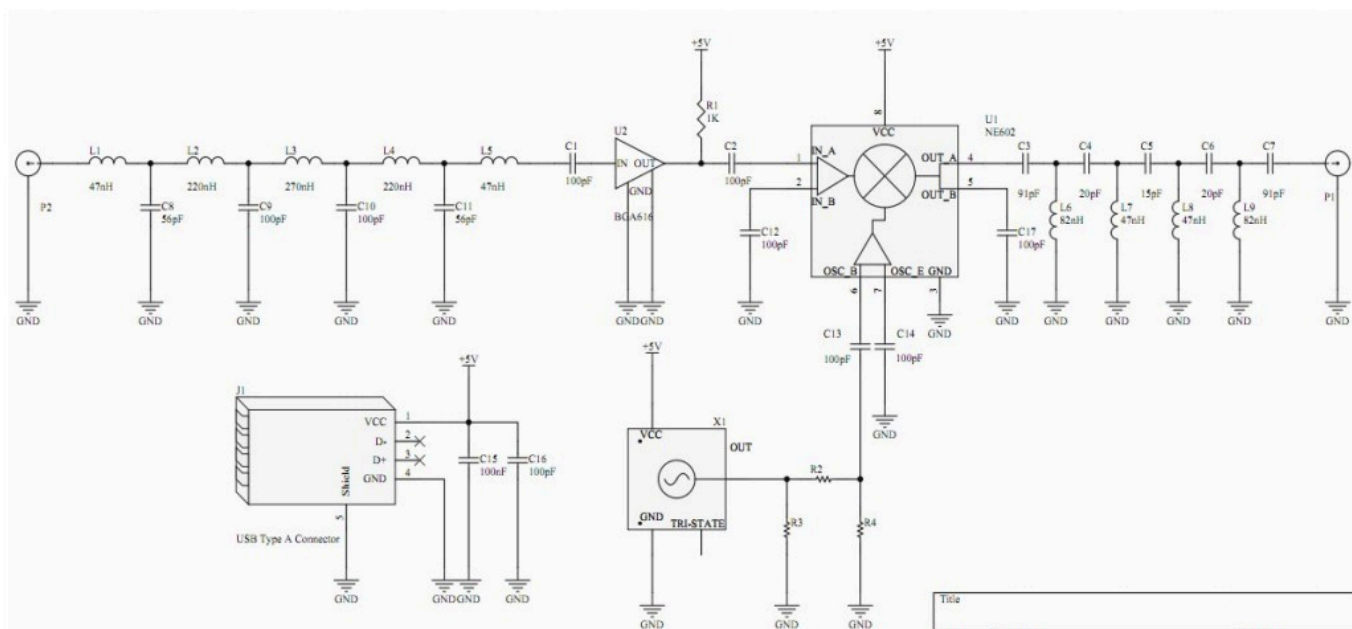
E4000 RF tuner ?(64MHZ - 1700 MHz).

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

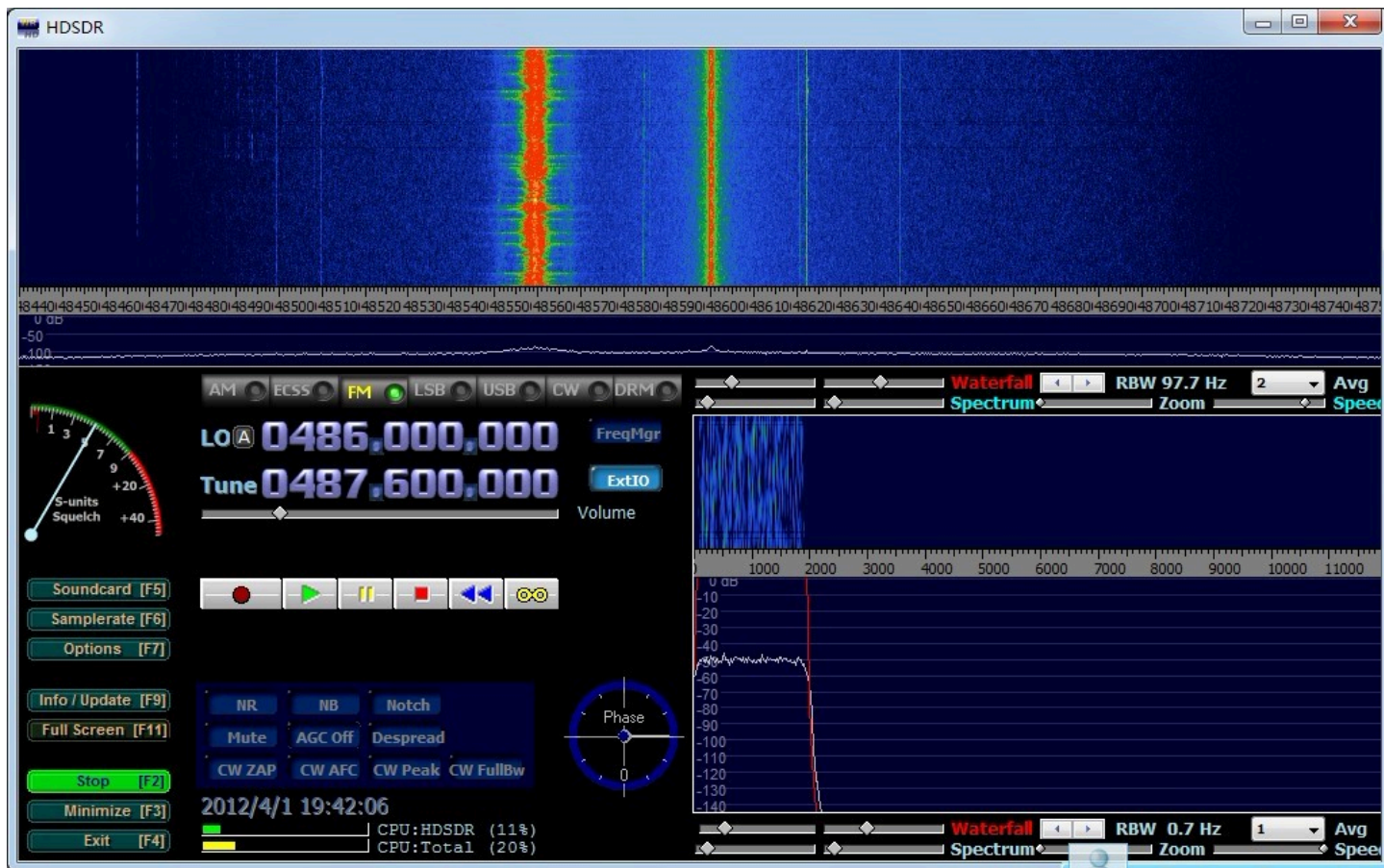
HSDR ?Windows ????????,???RTL-SDR?RF???????

[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