



- switch□□
- □□□□□□
- □□□□□□ 2nV/√ Hz□□□ 120dB □□□□
- □□ SDS800XHD□□
- □□ /□□□□□□

switch

https://www.bilibili.com/video/BV16M411X79n/?share_source=copy_web

switch https://docs.qq.com/doc/DVVFMWXRLQ096RXVG

V7 18 .rar
https://pan.baidu.com/s/1RcmlxJ9z-9HnMFqvR2rmww?pwd=77h2
77h2
APP

SWITCH (16).pdf



https://www.msdmanuals.cn/home/children-s-health-issues/respiratory-disorders-in-infants-and-children/wheezing-in-infants-and-young-children

呼吸音减弱或消失 (肺部)

肺部听诊可闻及哮鸣音

呼吸音减弱或消失 肺

呼吸音减弱或消失

呼吸音减弱或消失 <6

呼吸音减弱或消失 1^[4]

呼吸音减弱或消失 40 /min 60

呼吸音减弱或消失 70 /min 呼吸音减弱或消失 呼吸音减弱或消失

呼吸音减弱或消失 92% 呼吸音减弱或消失

呼吸音减弱或消失 呼吸音减弱或消失 >180 200

/min

呼吸音减弱或消失

呼吸音减弱或消失 X

呼吸音减弱或消失

呼吸音减弱或消失 PICU

呼吸音减弱或消失 PICU 呼吸音减弱或消失

呼吸音减弱或消失 40-44 /min 呼吸音减弱或消失 30 /

呼吸音减弱或消失 1-3 24 /min 4-7 22 /min 8-14 20 /

呼吸音减弱或消失

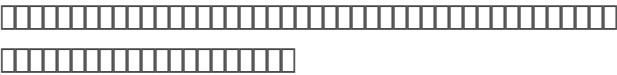
呼吸音减弱或消失

呼吸音减弱或消失 60 /

呼吸音减弱或消失 呼吸音减弱或消失 50 /呼吸音减弱或消失 1-5 呼吸音减弱或消失 40

呼吸音减弱或消失 /呼吸音减弱或消失 30 /min

- 呼吸音减弱或消失 (肺部) 呼吸音减弱或消失
- 呼吸音减弱或消失
- 呼吸音减弱或消失
- 呼吸音减弱或消失 10



- 0-1 30-60 /
- 1-12 30-60 /
- 1-2 24-40 /
- 3-5 22-34 /
- 6-12 18-30 /
- 13-18 12-16 /
- 18 12-20 /



2nV/ $\sqrt{\text{Hz}}$



120dB






<https://www.analog.com/en/resources/app-notes/an-159.html>

[an-159.pdf](#)

[AN159_Layout_Files.zip](#)

<https://www.analog.com/cn/resources/app-notes/an-940.html>

-  <https://www.emoe.xyz/precision-circuits-hardware-design-guide/>
- EmoeNAP 
<https://rd.emoe.xyz/projects/EmoeNAP/emoenap.html#%E5%BA%95%E5%99%AA%E6%B5%8B%E8%AF%95>
-  <https://www.emoe.xyz/noise-amplifier-step-further/>



SDS800XHD



<https://www.eet-china.com/mp/a307681.html>

<https://blog.csdn.net/GLSWN8829/article/details/135455736>



1. IP
2. IP
3. SCPI
 1. "PRBD?" =>
 2. "MD5_SRLN?" => SCOPEID
 3. "MD5_PR?" =>
 4. SN
 5. python ID
 6. "MCBD?" => ID python ID
 7. "MCBD FHJB3P8M93MGSYAV" => MCB 200M
 - 8.
 9. "PRBD?" =>

python

```
# Keygen program for Siglent oscilloscopes
import hashlib

# MD5_SRLN? SCOPEID
# SCOPEID ID
SCOPEID = '01711d421d502545'

# SN
SN = 'SDS08A0Q809359'

# MD5_PR?
# Model "
Model = 'SDS800X-HD'
```

```
otheropt = ('AWG', 'MSO', 'PWA',)
```

hashkey =

```
def gen(x):
```

```

).digest()

```

```
for b in h:
```

```
m = b % 0x24
```

```
if b == 0x30:
```

```
if b == 0x31:
```

```
if b == 0x6c:
```

```
if b == 0x6f:
```

```
key += chr(b)
```

```
return key.upper()
```

```
print('SCIP "PRBD?" ' + '\r')
```

```
print('XXXXXXXXXXXXXXXXXXXX')
```

```
print('INFO: ' + ' ' * 20 + '!!!')
```

```
print('-----')
```

```

print('XXXXXXXXX          SCIPXXXXXXXXX          ')
for opt in bwopt:
    print('{:5} {}'.format(opt, gen(SCOPEID)))

print('-----')
print('XXXXXXXXX          UIXXXXXXXXX          ')
print('SDS800XHD-FG  XXXX  AWGXXX  ')
print('SDS800XHD-16LA XXXX  MSOXXX  ')
print('SDS800XHD-PA  XXXX  PWAXXX  ')
for opt in otheropt:
    print('{:5} {}'.format(opt, gen(SN)))

```

XXXX

~/develop/witllm/unsuper master ➤ python SDS804XHD.py

colin@deve

```

INFO: XXXXXXXXXXXX          !!!
XXXXX          SCIPXXXXX          "PRBD?" XXXX
XXXXX          SCIPXXXXX          "MCBD?" XXXXXX
XXXXXXXXXXXXXXXXX
INFO: XXXXXXXXXXXXXXXXXXXXXXXXXXXX          !!!
-----
XXXXXXXXX          SCIPXXXXXXXXX
70M  3Y35BBM8S2P6M75F
100M IRKBIJ522YX2PA9I
200M FHJB3P8M93MGSYAV
-----
XXXXXXXXX          UIXXXXXXXXX
SDS800XHD-FG  XXXX  AWGXXX
SDS800XHD-16LA XXXX  MSOXXX
SDS800XHD-PA  XXXX  PWAXXX
AWG  PGWGM3Y3PHY79UCA
MSO  PWRT8MV8FMWFPNMW
PWA  ZJKWUQ33MAPSPFIS

```