



# 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

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```

INFO: XXXXXXXXXXXX          !!!
XXXXX          SCIPXXXXX          "PRBD?" XXXX
XXXXX          SCIPXXXXX          "MCBD?" XXXXXX
XXXXXXXXXXXXXXXXX
INFO: XXXXXXXXXXXXXXXXXXXXXXXX          !!!
-----
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  PWRT8MV8FMWFPMW
PWA  ZJKWUQ33MAPSPFIS

```

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