

# Link

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# project

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# Info

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# Working Time

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<http://ai.hoperf.cn>  
HP1239  
Er..1

# Tool

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[WCH-BLEAnalyzer](#)

# Compare Filter

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```
*.cpp;*.c;*.h;-.git\;-.pdm\;-.settings\;-.uceditor\;-.vscode\;-GNU ARM v12.2.1  
- Default\
```

# git

---

```
$ git config --global user.name "suhuide"
$ git config --global user.email suhuide@hoperf.com
```

```
git config --global alias.diffx 'diff -- ":!.project" ":!.cproject" ":!*.slps"
":!*.pintool" ":!*.html" ":!*.pdm*" ":!*.zap"'
git diff ':!.cproject' ':!*.slps' ':!*.pintool' ':!*.html'
```

```
git tag
git fetch --tags
git checkout tags/v2.8.0 -f
```

```
git reset --hard HEAD    # Remove all uncommitted changes
git switch -              # Return to the previous branch
git checkout -           # Return to the previous branch
git branch -r            # Check remote branches
git branch -a            # Check all branches (local + remote)
git remote -v            # Show all remote repositories' names and URLs
```

## git account

```
suhuide@hoperf.com
HoeFL89736*
```

## Board

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```
WSTK Mainboard (ID: 000440045640)
```

## matter repo

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```
https://hoperf-matter/gitlab/matter
```

```
git remote add origin https://github.com/user/repo.git
```

## samba

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```
samba: \\hoperf-matter
username: suhuide
password: HA39838M*12
```

## Commander CLI

```
C:\SiliconLabs\SimplicityStudio\v5>commander security unlock --command-key
command_key.pem --unlock-param 1111 --device EFR32MG24A410F1536IM40 -s
602712820
Unlocking with unlock payload:
C:/Users/Administrator/AppData/Local/SiliconLabs/commander/SecurityStore/device
_0000000000000000d44867fffe8997ee/challenge_e4e3184d31be0e7428a6d0367269b5f7/un
lock_payload_0000000000111110.bin
Secure debug successfully unlocked
DONE
```

```
commander flash ez01_matter-signed--v0.0.13-2d274330.s37 --device efr32mg24 --
no-reset
```

```
C:\Si\ws\ez01_matter\release-fw\signfw\v0.0.13>commander security status --
device efr32mg24
WARNING: DP write failed
DCI communication failed, retrying after reset and 10 ms delay...
Resetting device...
SE Firmware version : 2.2.5
Serial number : 0000000000000000d44867fffe8b63ab
Debug lock : Enabled
Device erase : Enabled
Secure debug unlock : Enabled
Tamper status : OK
Secure boot : Enabled
Boot status : 0x20 - OK
Command key installed : True
Sign key installed : True
DONE
```

```
//Lunch Console -> Admin
serial vcom config
serial vcom config speed 9600
serial vcom config speed 115200
serial vcom config speed 921600
```

## Debug lock

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```
commander device lock --device EFR32MG24B020F1536IM40
```

## NFC

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NFC AES Flash tool

```
"\\hoperf-matter\MatterShare\AE Team\Projects\PTE9\Release\01-
wireless\pte9_wireless_nfc_key_writer.zip"
```

NFC AES Flash method

```
python3 nfc_key_writer.py --kvn 17 --key_enc
"404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F" --key_mac
"404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F" --key_dek
"404142434445464748494A4B4C4D4E4F505152535455565758595A5B5C5D5E5F"
```

## MFG

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```
username: suhuide
password: +mTvwceVZk
product code: 9323718166
```

```
matter_mfg_tool_2.5.9\mfg_tool.exe
//Load config
AOK02-MT2401B-v0.1.7-DC\mfg_config.json
```

