
VVDI PROG User Manual

Version: 4.7.9

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1. Document Declaration

Please view the following declaration carefully:

- ◆ VVDI PROG User Manual can help you maintenance vehicles with device. Please DON' T used for illegal purpose, Please follow the national laws
- ◆ VVDI PROG User Manual can help you how to use VVDI PROG software, please view carefully
- ◆ Any illegal use VVDI PROG Device or User Manual, The user should take all risks, the company does not assume any responsibility
- ◆ This User Manual according to V4.7.9, new version software please refer to corresponding version User Manual

2. Safety Precautions

To prevent personal injury or device damage, please read the User Manual carefully before operation and adopt the following safety precautions:

- ◆ Always operate the device under safe condition
- ◆ Ensure work condition with good ventilation, because of the harmful gas generated when soldering
- ◆ Soldering on anti-static & constant temperature solder station
- ◆ Disconnect power supply before soldering
- ◆ Ensure solder station connected to ground
- ◆ Keep the device clean and dry, Do not place in any wet, oily, dusty area

3. Noun explanation

- ◆ EEPROM: Electrically Erasable Programmable Read-Only Memory, usually store the generated data of chip running
- ◆ FLASH: Flash EEPROM Memory, usually store the program of chip
- ◆ D-FLASH: Data Flash, the same function with EEPROM
- ◆ P-FLASH: Program Flash, the same function with FLASH
- ◆ ROM: Read-Only Memory, usually store the program of chip, can not erase or write
- ◆ EEE: Emulated EEPROM, the same function with FLASH
- ◆ POF: Program Once Field, can write data once, can not erase or rewrite

4. Hardware Overview

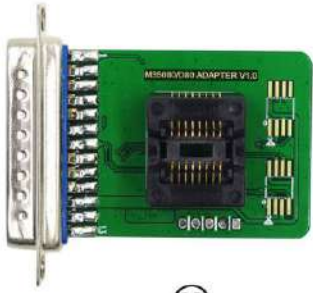
4.1. Device specification

| option | Specification | | |
|---------------------|----------------------------|--------|-------|
| Working temperature | -20 ~ 70 °C (-4 ~ 158 °F) | | |
| Storage temperature | -40 ~ 85°C (-40~ 185°F) | | |
| USB interface | USB 2.0 | | |
| Power adapter | 12V / 2A | | |
| Consumption | 1W | | |
| Device dimensions | L | W | H |
| | 146 mm | 85 mm | 28 mm |
| Package dimensions | L | W | H |
| | 220 mm | 155 mm | 80 mm |
| Net weight | 180 g | | |
| Gross weight | 530 g | | |

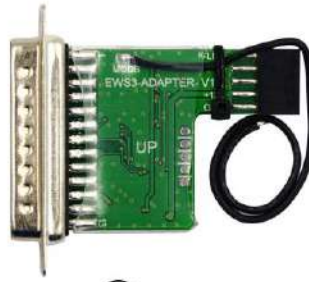
4.2. Device units



1. VVDI PROGdevice
2. EEPROM socket
3. EEPROM adapter
4. MC9S12 Reflash Cable V1
5. MCU Reflash Cable V3
6. ECU Reflash Cable
7. USB Type-B Cable
8. TB28FXXX adapter (optional)
9. PCF79XX adapter (optional)



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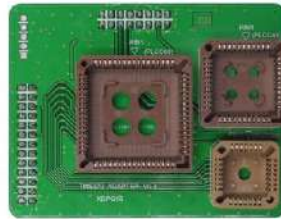
⑪



⑫



⑬



⑭



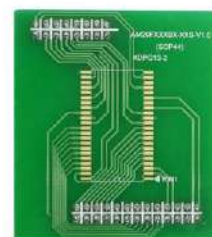
⑮



⑯

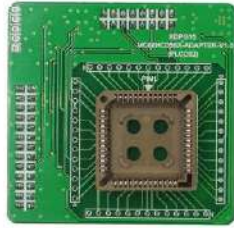


⑰

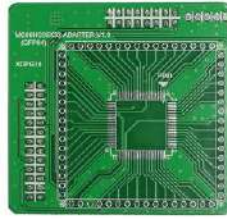


⑱

- 10. M35080/D80 adapter (optional)
- 11. EWS3 adapter (optional)
- 12. EEPROM CLIP adapter (optional)
- 13. EWS4 adapter (optional)
- 14. TMS370 adapter (optional)
- 15. AM29FXXX adapter1 (optional)
- 16. AM29FXXX adapter3 (optional)
- 17. AM29FXXX adapter4 (optional)
- 18. AM29FXXX adapter2 (optional)



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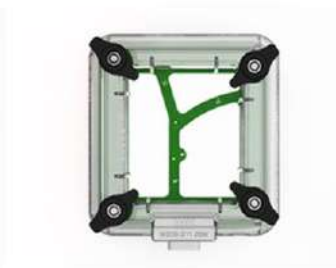
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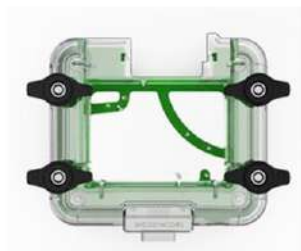
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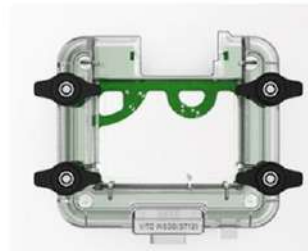
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- 19. MC68HC05BX adapter (optional)
- 20. MC68HC05X32 adapter (optional)
- 21. SPRINTER(ST12) adapter (optional)
- 22. W164(ST12) adapter (optional)
- 23. W169(ST12) adapter (optional)
- 24. W209/211 ZGW adapter (optional)
- 25. W639(HC08) adapter (optional)
- 26. VITO W639(ST12) adapter (optional)
- 27. W203(HC08) adapter (optional)



- 28. W209/211(HC12) adapter (optional)
- 29. W211(ST12) adapter (optional)
- 30. W215/W220/W230 adapter (optional)

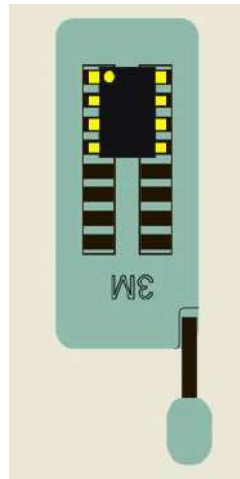
VVDI PROG

Unit description

1. 16 Pin DIP socket

Function: Read EEPROM chips

Use method: Follow the image direction when insert the DIP chip (PIN1 as yellow point show as the picture); SOP chip need soldering on 16Pin adapter first, then insert the chip follow the image direction



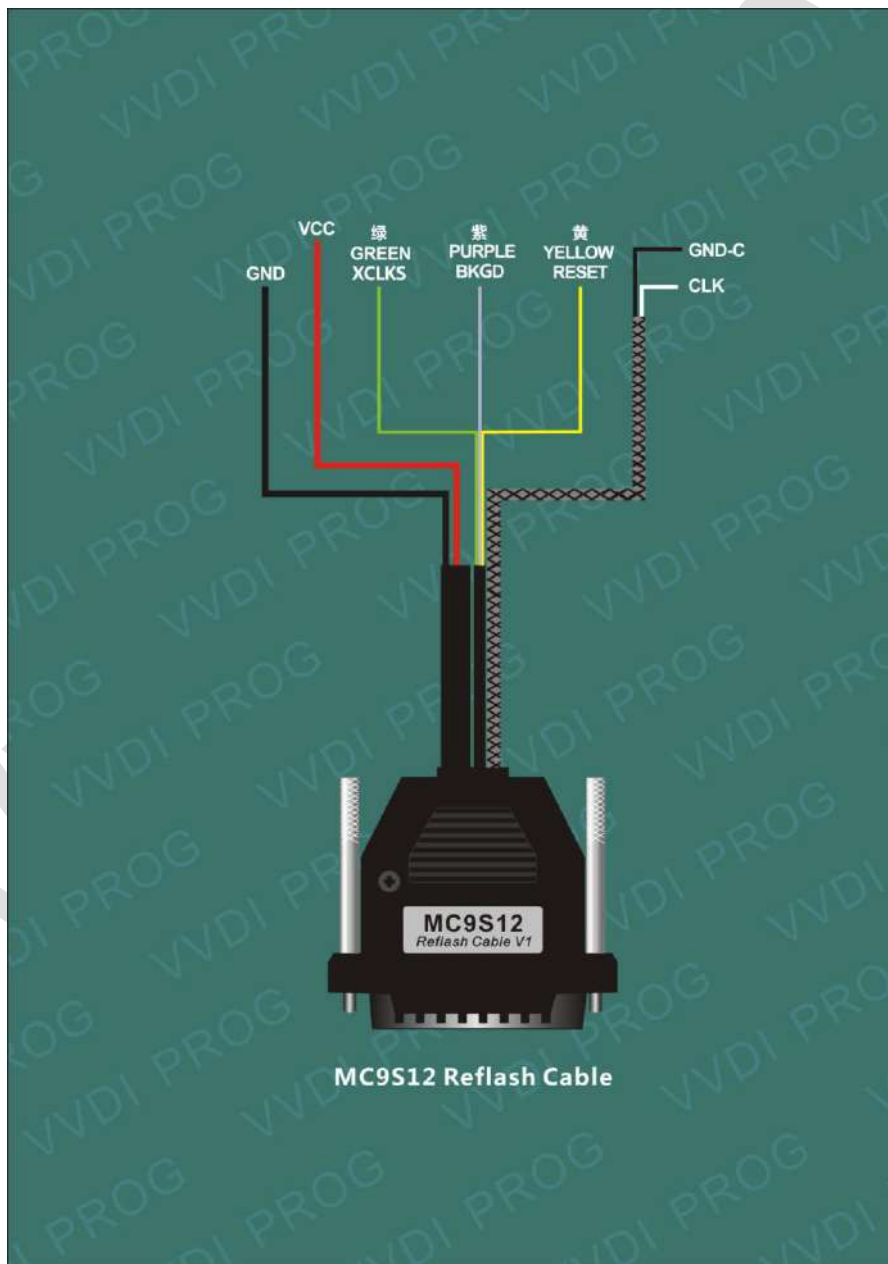
2. MC9S12 Reflash Cable V1

Function: Read & Write MC9S08, MC9S12 series chips, current version is V1

Use method: Soldering the line on pin of chip before read & write

Notes:

- (1) Please check all connection lines, ensure correct and reliable connection
- (2) Please Don't lengthen CLK and GND-C line, maybe cause read data failed



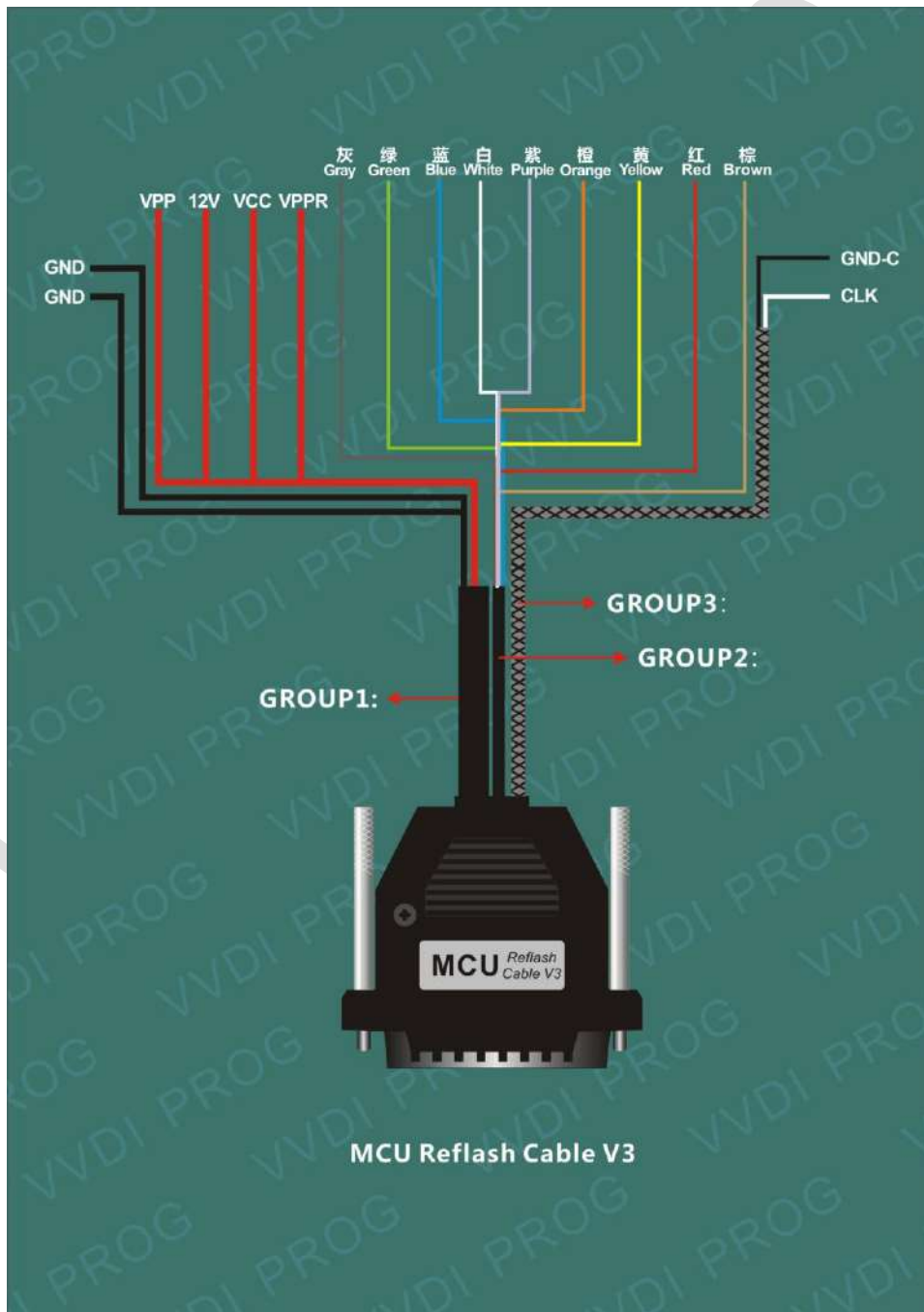
3. MCU Reflash Cable V3

Function: Read & Write MC68HC(9)12, V850, H8X, R5C series chips, current version is V3

Use method: Soldering the line on pin of chip before read & write

Notes:

- (1) Please check all connection lines, ensure correct and reliable connection
- (2) Please Don't lengthen CLK and GND-C line, maybe cause read data failed



4. ECU Reflash Cable

Function: Read & Write engine ECU

Use method: Connect the ECU and R&W

Notes:

Please check all connection lines, ensure correct and reliable connection

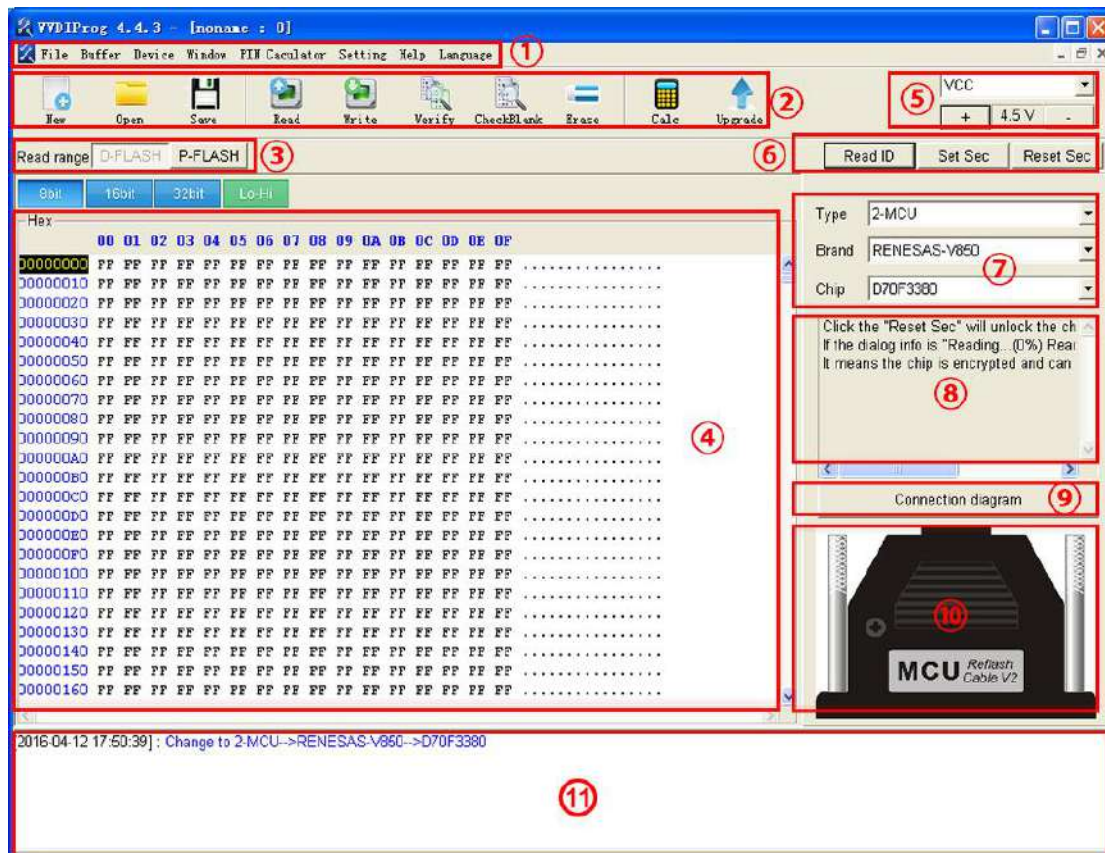


5. Software Overview

5.1. Introduction

- ◆ Support R&W lots of chips, include MC9S08 series, MC68HC(9)12series, MC9S12series, V850series, H8Xseries, R8Cseries, PCF79XXseries and most eeprom chips etc .
- ◆ Support chip data verify, checkblank function
- ◆ Support data file compare function
- ◆ Support R&W BMW N20, N55 ECU(show ISN directly)
- ◆ Stable R&W MC9S12XE series chips(5M48H/1N35H/2M53J/3M25J etc.)
- ◆ Support renew PCF79XX remote, currently support BMW E/F series
- ◆ Lots of connection diagram

5.2. Software interface



1. Operation options
 - File : Load data file
 - Buffer : Support copy, paste, search, fill function
 - Device : Support chip read, write, erase operation
 - Window : Compare two data files
 - Setting : Read&Verify, Write&Verify, Erase&Check Blank configuration
 - Language : Change the language, current support English, Chinese, Polish, Arabic, Czech, Spanish, French, Italian, Portuguese, Russian, Turkish
2. General options

Provide General function buttons, simple and easy for operation, include: new, open, save, read, write, verify, check blank, erase, calculator & upgrade
3. Read range

Parts of chips include several data areas, for example EEPROM, FLASH and etc. click on the button select read range
4. Data display

Display the read data or load data, include hex and ASCII format
5. Power configuration

- Display the status of power (VCC, VPP, 12V), support change the voltage of VCC and VPP (The default voltage usually not need to change)
6. Special function options
Provide chips special function, for example parts of chips have read chip ID, set security, reset security etc .
 7. Chip option
Select right option according to type,brand and chip
 8. Option Information
Display parameter information of current option
 9. Connection diagram button
Click on button, get the connection diagram of current chip
 10. adapter Type
Display needed adapter of current option
 11. Operation Information
Display operation information and saved in “log.bin” file

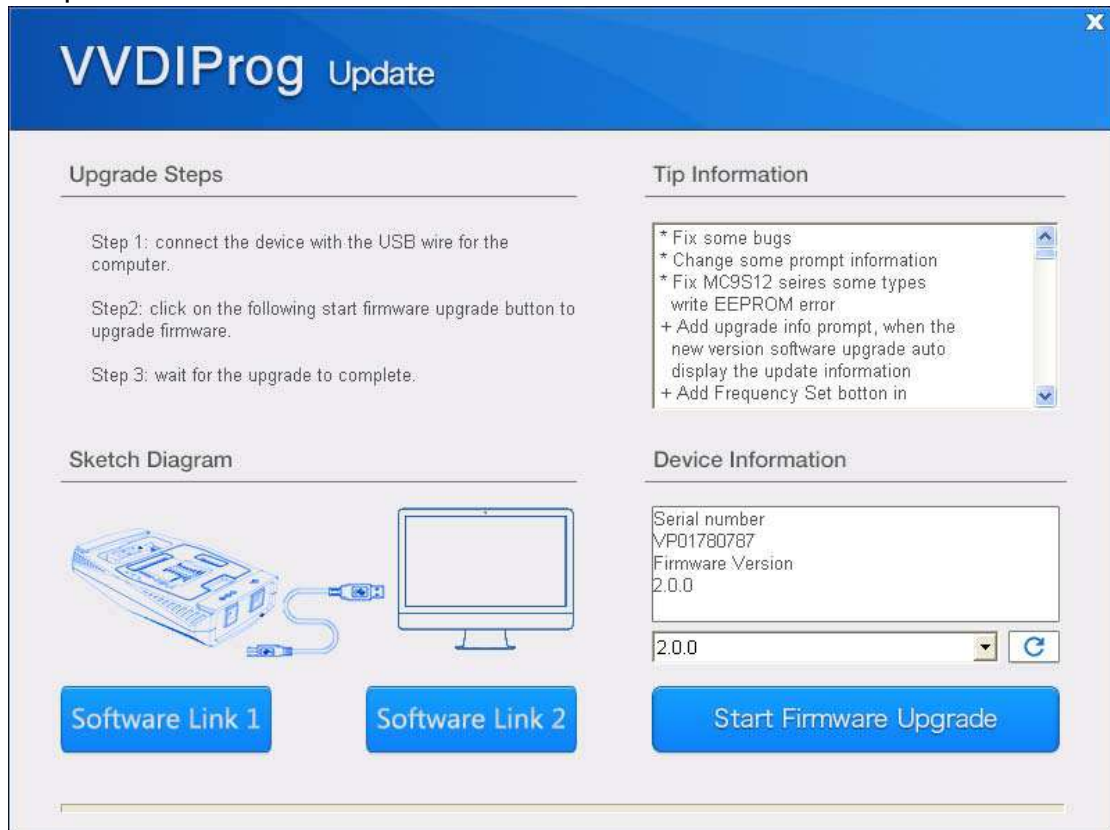
5.3. Driver installing

The driver install software saved in “driver” folder, include 2009 and 2016 version (recommend select 2009 version)



5.4. Online update

- ◆ This function require internet support
- ◆ Click the “Upgrade” button enter the upgrade interface, show as following picture



- ◆ Enter update interface,if software show”communication with server failed”,please close your Anti-virus and computer firewall and retry. Ifsoftware show”unable to find equipment”,please reconnect device
- ◆ Tip information show the latest software version and upgrade information
- ◆ Device information show the device SN, device firmware version and the latest firmware version
- ◆ Firmware upgrade steps:
 1. Select the firmware version
 2. Click “Start Firmware Upgrade” button
 3. Don’t close or pull out USB cable before upgrade finished
- ◆ Software upgrade steps:
 1. Click “Software Link 1” or “Software Link 2” button, download software from the web
 2. Extract the file

6.Support Type List

6.1. MEMORY

| MFRS | TYPE | SUPPORT | REMARK |
|------------|-----------------|-------------------------------------|----------------------------------|
| AMD | AM29FXXXB | <input checked="" type="checkbox"/> | Need AM29FXXXB adapter |
| | AM29BDD160GBXXE | <input checked="" type="checkbox"/> | Need PQFP80_FLASH adapter |
| | S29CD016GXXF01 | <input checked="" type="checkbox"/> | Need PQFP80_FLASH adapter |
| | S29CD032GXXF01 | <input checked="" type="checkbox"/> | Need PQFP80_FLASH adapter |
| ATMEL | AT24CXX | <input checked="" type="checkbox"/> | |
| | AT25XXX | <input checked="" type="checkbox"/> | |
| | AT93CX6 | <input checked="" type="checkbox"/> | |
| CATALYST | CAT24C/WXX | <input checked="" type="checkbox"/> | |
| | CAT10XX | <input checked="" type="checkbox"/> | |
| | CAT93CX6[A] | <input checked="" type="checkbox"/> | |
| EXEL | XL[S]24CXX | <input checked="" type="checkbox"/> | |
| | XL[S]93CX6 | <input checked="" type="checkbox"/> | |
| FAIRCHILD | FM/NM24CXX | <input checked="" type="checkbox"/> | |
| | FM93CSX6 | <input checked="" type="checkbox"/> | |
| | NM93CX6 | <input checked="" type="checkbox"/> | |
| | NM93CSX6 | <input checked="" type="checkbox"/> | |
| FUJITSU | MBM29FXXX | <input checked="" type="checkbox"/> | Need AM29FXXXB adapter |
| INTEL | AB28FXXX | <input checked="" type="checkbox"/> | Need TB28FXXX adapter |
| | PA28FXXX | <input checked="" type="checkbox"/> | Need TB28FXXX adapter |
| | TB28FXXX | <input checked="" type="checkbox"/> | Need TB28FXXX adapter |
| MICROCHIP | 24AAXX | <input checked="" type="checkbox"/> | |
| | 24[L]CXX | <input checked="" type="checkbox"/> | |
| | 25LCXX | <input checked="" type="checkbox"/> | |
| | 93C/LC/AAX6A | <input checked="" type="checkbox"/> | 6pin SOT23/8pin sop package |
| | 93C/LC/AAX6B | <input checked="" type="checkbox"/> | 6pin SOT23/8pin sop package |
| | 93C/LC/AAX6C | <input checked="" type="checkbox"/> | |
| MITSUBISHI | M6M800X1 | <input checked="" type="checkbox"/> | |
| MXIC | MX25LXXX | <input checked="" type="checkbox"/> | |
| ST | D80/D160 | <input checked="" type="checkbox"/> | Support erase the first 32 bytes |
| | M24CXX | <input checked="" type="checkbox"/> | |
| | M25PXX | <input checked="" type="checkbox"/> | |

| | | | |
|---------|-------------|-------------------------------------|---------------------------|
| | M35080 | <input checked="" type="checkbox"/> | Need M35080/D80 adapter |
| | M35160wt | <input checked="" type="checkbox"/> | Need M35160 adapter |
| | M95XXX | <input checked="" type="checkbox"/> | |
| | M95XXX | <input checked="" type="checkbox"/> | |
| | M93CX6 | <input checked="" type="checkbox"/> | |
| | M93SX6 | <input checked="" type="checkbox"/> | |
| | M95M0X | <input checked="" type="checkbox"/> | |
| | ST24C/E/WXX | <input checked="" type="checkbox"/> | |
| | ST25C/EXX | <input checked="" type="checkbox"/> | |
| | ST93CSX6/X7 | <input checked="" type="checkbox"/> | |
| | M58BW016XX | <input checked="" type="checkbox"/> | Need PQFP80_FLASH adapter |
| | ST95P0X | <input checked="" type="checkbox"/> | |
| TOSHIBA | TC8910X | <input checked="" type="checkbox"/> | |
| | TC97010 | <input checked="" type="checkbox"/> | |
| WINBOND | W25XXX | <input checked="" type="checkbox"/> | |
| XICOR | X24C01 | <input checked="" type="checkbox"/> | |
| | X504X | <input checked="" type="checkbox"/> | |
| SEIKO | S29X90 | <input checked="" type="checkbox"/> | |
| *OTHER | RAXX&RLXX | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

6.2. MCU

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F3231 | <input checked="" type="checkbox"/> | |
| | D70F3232 | <input checked="" type="checkbox"/> | |
| | D70F3233 | <input checked="" type="checkbox"/> | |
| | D70F3234 | <input checked="" type="checkbox"/> | |
| | D70F3235 | <input checked="" type="checkbox"/> | |
| | D70F3236 | <input checked="" type="checkbox"/> | |
| | D70F3237 | <input checked="" type="checkbox"/> | |
| | D70F3238 | <input checked="" type="checkbox"/> | |
| | D70F3239 | <input checked="" type="checkbox"/> | |
| | D70F3333 | <input checked="" type="checkbox"/> | |
| | D70F3334 | <input checked="" type="checkbox"/> | |
| | D70F3335 | <input checked="" type="checkbox"/> | |
| | D70F3336 | <input checked="" type="checkbox"/> | |
| | D70F3340 | <input checked="" type="checkbox"/> | |
| | D70F3341 | <input checked="" type="checkbox"/> | |
| | D70F3342 | <input checked="" type="checkbox"/> | |
| | D70F3343 | <input checked="" type="checkbox"/> | |
| | D70F3344 | <input checked="" type="checkbox"/> | |
| | D70F3345 | <input checked="" type="checkbox"/> | |
| | D70F3346 | <input checked="" type="checkbox"/> | |
| | D70F3347 | <input checked="" type="checkbox"/> | |
| | D70F3348 | <input checked="" type="checkbox"/> | |
| | D70F3350 | <input checked="" type="checkbox"/> | |
| | D70F3351 | <input checked="" type="checkbox"/> | |
| | D70F3352 | <input checked="" type="checkbox"/> | |
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| | D70F3354 | <input checked="" type="checkbox"/> | |
| | D70F3355 | <input checked="" type="checkbox"/> | |
| | D70F3356 | <input checked="" type="checkbox"/> | |
| | D70F3357 | <input checked="" type="checkbox"/> | |
| | D70F3358 | <input checked="" type="checkbox"/> | |
| | D70F3364 | <input checked="" type="checkbox"/> | |
| D70F3365 | <input checked="" type="checkbox"/> | | |
| D70F3366 | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F3367 | <input checked="" type="checkbox"/> | |
| | D70F3368 | <input checked="" type="checkbox"/> | |
| | D70F3370A | <input checked="" type="checkbox"/> | |
| | D70F3371 | <input checked="" type="checkbox"/> | |
| | D70F3372 | <input checked="" type="checkbox"/> | |
| | D70F3373 | <input checked="" type="checkbox"/> | |
| | D70F3374 | <input checked="" type="checkbox"/> | |
| | D70F3375 | <input checked="" type="checkbox"/> | |
| | D70F3376A | <input checked="" type="checkbox"/> | |
| | D70F3377A | <input checked="" type="checkbox"/> | |
| | D70F3378 | <input checked="" type="checkbox"/> | |
| | D70F3379 | <input checked="" type="checkbox"/> | |
| | D70F3380 | <input checked="" type="checkbox"/> | |
| | D70F3381 | <input checked="" type="checkbox"/> | |
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| | D70F3383 | <input checked="" type="checkbox"/> | |
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| | D70F3402 | <input checked="" type="checkbox"/> | |
| | D70F3403 | <input checked="" type="checkbox"/> | |
| | D70F3403A | <input checked="" type="checkbox"/> | |
| | D70F3416 | <input checked="" type="checkbox"/> | |
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| D70F3453 | <input checked="" type="checkbox"/> | | |
| D70F3454 | <input checked="" type="checkbox"/> | | |
| D70F3464 | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
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| | D70F3470 | <input checked="" type="checkbox"/> | |
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| | D70F3472 | <input checked="" type="checkbox"/> | |
| | D70F3505A | <input checked="" type="checkbox"/> | |
| | D70F3506 | <input checked="" type="checkbox"/> | |
| | D70F3507 | <input checked="" type="checkbox"/> | |
| | D70F3508 | <input checked="" type="checkbox"/> | |
| | D70F3509 | <input checked="" type="checkbox"/> | |
| | D70F3522 | <input checked="" type="checkbox"/> | |
| | D70F3523 | <input checked="" type="checkbox"/> | |
| | D70F3524 | <input checked="" type="checkbox"/> | |
| | D70F3525 | <input checked="" type="checkbox"/> | |
| | D70F3526 | <input checked="" type="checkbox"/> | |
| | D70F3529 | <input checked="" type="checkbox"/> | |
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| | D70F3611 | <input checked="" type="checkbox"/> | |
| | D70F3612 | <input checked="" type="checkbox"/> | |
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| | D70F3621 | <input checked="" type="checkbox"/> | |
| D70F3622 | <input checked="" type="checkbox"/> | | |
| D70F3624 | <input checked="" type="checkbox"/> | | |
| D70F3628 | <input checked="" type="checkbox"/> | | |
| D70F3634 | <input checked="" type="checkbox"/> | | |

| | | | |
|--|----------|-------------------------------------|--|
| | D70F3700 | <input checked="" type="checkbox"/> | |
| | D70F3701 | <input checked="" type="checkbox"/> | |
| | D70F3702 | <input checked="" type="checkbox"/> | |
| | D70F3703 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F3704 | <input checked="" type="checkbox"/> | |
| | D70F3706 | <input checked="" type="checkbox"/> | |
| | D70F3707 | <input checked="" type="checkbox"/> | |
| | D70F3709 | <input checked="" type="checkbox"/> | |
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| D70F3785 | <input checked="" type="checkbox"/> | | |
| D70F3786 | <input checked="" type="checkbox"/> | | |
| D70F3826 | <input checked="" type="checkbox"/> | | |
| D70F3827 | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F3828 | <input checked="" type="checkbox"/> | |
| | D70F3829 | <input checked="" type="checkbox"/> | |
| | D70F3834 | <input checked="" type="checkbox"/> | |
| | D70F3835 | <input checked="" type="checkbox"/> | |
| | D70F3836 | <input checked="" type="checkbox"/> | |
| | D70F3837 | <input checked="" type="checkbox"/> | |
| | D70F4177 | <input checked="" type="checkbox"/> | |
| | D70F4178 | <input checked="" type="checkbox"/> | |
| | D70F4179 | <input checked="" type="checkbox"/> | |
| | D70F4180 | <input checked="" type="checkbox"/> | |
| | D70F3474A | <input checked="" type="checkbox"/> | |
| | D70F3475A | <input checked="" type="checkbox"/> | |
| | D70F3476A | <input checked="" type="checkbox"/> | |
| | D70F3477A | <input checked="" type="checkbox"/> | |
| | D70F3478A | <input checked="" type="checkbox"/> | |
| | D70F3479A | <input checked="" type="checkbox"/> | |
| | D70F3931B | <input checked="" type="checkbox"/> | |
| | D70F3932B | <input checked="" type="checkbox"/> | |
| | D70F3933B | <input checked="" type="checkbox"/> | |
| | D70F3934B | <input checked="" type="checkbox"/> | |
| | D70F3935B | <input checked="" type="checkbox"/> | |
| | D70F3936B | <input checked="" type="checkbox"/> | |
| | D70F3937B | <input checked="" type="checkbox"/> | |
| | D70F3938B | <input checked="" type="checkbox"/> | |
| | D70F3939B | <input checked="" type="checkbox"/> | |
| | D70F3480A | <input checked="" type="checkbox"/> | |
| | D70F3481A | <input checked="" type="checkbox"/> | |
| | D70F3482A | <input checked="" type="checkbox"/> | |
| | D70F3486A | <input checked="" type="checkbox"/> | |
| | D70F3487A | <input checked="" type="checkbox"/> | |
| | D70F3488A | <input checked="" type="checkbox"/> | |
| | D70F3925A | <input checked="" type="checkbox"/> | |
| | D70F3926A | <input checked="" type="checkbox"/> | |
| D70F3927A | <input checked="" type="checkbox"/> | | |
| D70F3625 | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F3529 | <input checked="" type="checkbox"/> | |
| | D70F3548 | <input checked="" type="checkbox"/> | |
| | D70F3549 | <input checked="" type="checkbox"/> | |
| | D70F3550 | <input checked="" type="checkbox"/> | |
| | D70F3551 | <input checked="" type="checkbox"/> | |
| | D70F3552 | <input checked="" type="checkbox"/> | |
| | D70F3553 | <input checked="" type="checkbox"/> | |
| | D70F3554 | <input checked="" type="checkbox"/> | |
| | D70F3555 | <input checked="" type="checkbox"/> | |
| | D70F3556 | <input checked="" type="checkbox"/> | |
| | D70F3557 | <input checked="" type="checkbox"/> | |
| | D70F3558 | <input checked="" type="checkbox"/> | |
| | D70F3559 | <input checked="" type="checkbox"/> | |
| | D70F3560 | <input checked="" type="checkbox"/> | |
| | D70F3561 | <input checked="" type="checkbox"/> | |
| | D70F3564 | <input checked="" type="checkbox"/> | |
| | D70F3570 | <input checked="" type="checkbox"/> | |
| | D70F3571 | <input checked="" type="checkbox"/> | |
| | D70F3572 | <input checked="" type="checkbox"/> | |
| | D70F3573 | <input checked="" type="checkbox"/> | |
| | D70F3574 | <input checked="" type="checkbox"/> | |
| | D70F3575 | <input checked="" type="checkbox"/> | |
| | D70F3576 | <input checked="" type="checkbox"/> | |
| | D70F3577 | <input checked="" type="checkbox"/> | |
| | D70F3578 | <input checked="" type="checkbox"/> | |
| | D70F3579 | <input checked="" type="checkbox"/> | |
| | D70F3580 | <input checked="" type="checkbox"/> | |
| | D70F3582 | <input checked="" type="checkbox"/> | |
| | D70F3583 | <input checked="" type="checkbox"/> | |
| | D70F3584 | <input checked="" type="checkbox"/> | |
| | D70F3585 | <input checked="" type="checkbox"/> | |
| | D70F3592 | <input checked="" type="checkbox"/> | |
| D70F4000 | <input checked="" type="checkbox"/> | | |
| D70F4001 | <input checked="" type="checkbox"/> | | |
| D70F4002 | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

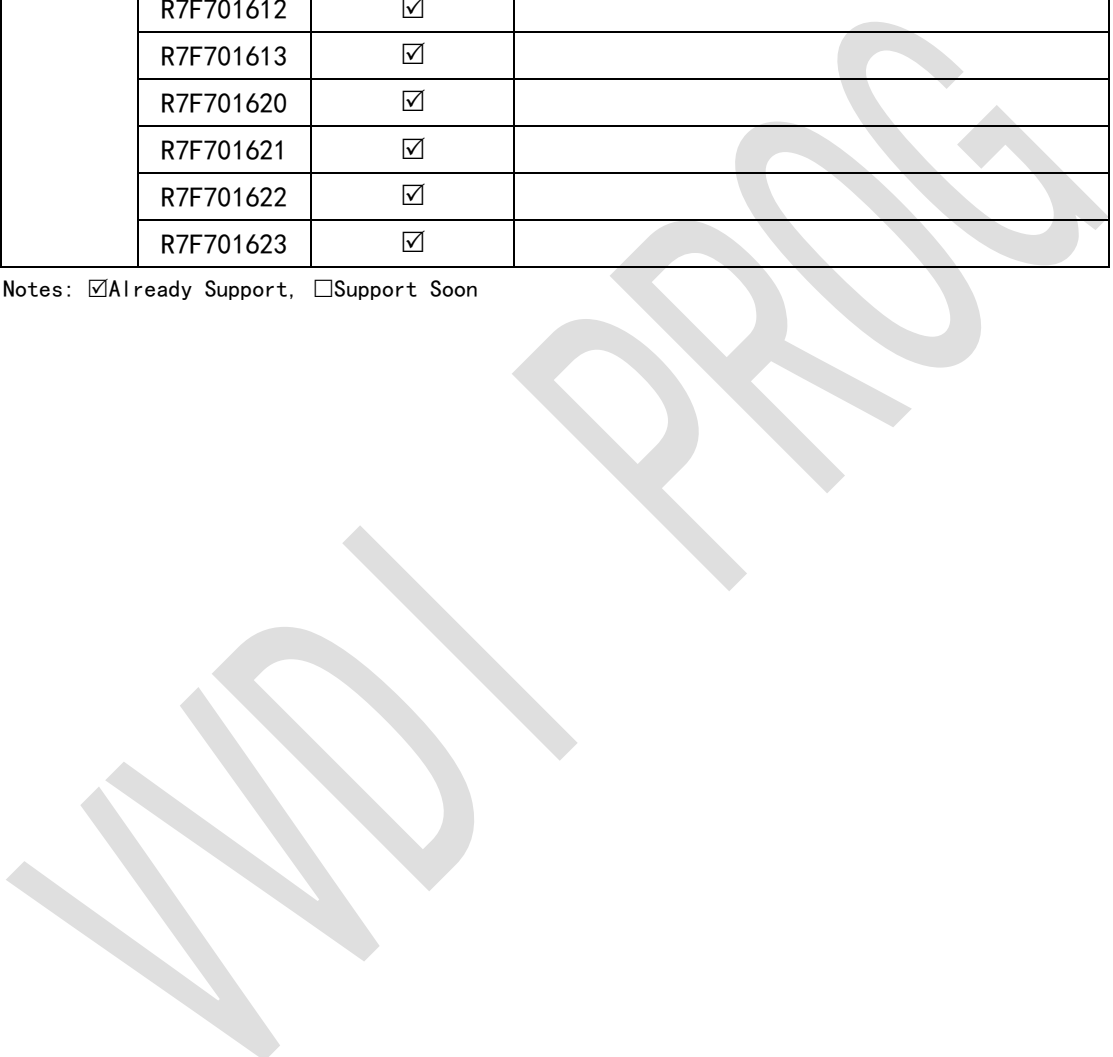
| MFRS | TYPE | SUPPORT | REMARK |
|------------------|-------------------------------------|-------------------------------------|--------|
| RENESAS V850 | D70F4003 | <input checked="" type="checkbox"/> | |
| | D70F4004 | <input checked="" type="checkbox"/> | |
| | D70F4005 | <input checked="" type="checkbox"/> | |
| | D70F4006 | <input checked="" type="checkbox"/> | |
| | D70F4007 | <input checked="" type="checkbox"/> | |
| | D70F4008 | <input checked="" type="checkbox"/> | |
| | D70F4009 | <input checked="" type="checkbox"/> | |
| | D70F4010 | <input checked="" type="checkbox"/> | |
| | D70F4011 | <input checked="" type="checkbox"/> | |
| | D70F4012 | <input checked="" type="checkbox"/> | |
| | D70F3623 | <input checked="" type="checkbox"/> | |
| | D70F3626 | <input checked="" type="checkbox"/> | |
| | D70F3627 | <input checked="" type="checkbox"/> | |
| | D70F3629 | <input checked="" type="checkbox"/> | |
| | D70F3630 | <input checked="" type="checkbox"/> | |
| | D70F3631 | <input checked="" type="checkbox"/> | |
| | D70F3632 | <input checked="" type="checkbox"/> | |
| | D70F3633 | <input checked="" type="checkbox"/> | |
| | D70F3634 | <input checked="" type="checkbox"/> | |
| | D70F3635 | <input checked="" type="checkbox"/> | |
| D70F3636 | <input checked="" type="checkbox"/> | | |
| D70F3637 | <input checked="" type="checkbox"/> | | |
| D70F3638 | <input checked="" type="checkbox"/> | | |
| RENESAS RH850 | R7F701002 | <input checked="" type="checkbox"/> | |
| | R7F701003 | <input checked="" type="checkbox"/> | |
| | R7F701006 | <input checked="" type="checkbox"/> | |
| | R7F701007 | <input checked="" type="checkbox"/> | |
| | R7F701008 | <input checked="" type="checkbox"/> | |
| | R7F701009 | <input checked="" type="checkbox"/> | |
| | R7F701010 | <input checked="" type="checkbox"/> | |
| | R7F701011 | <input checked="" type="checkbox"/> | |
| | R7F701012 | <input checked="" type="checkbox"/> | |
| | R7F701013 | <input checked="" type="checkbox"/> | |
| | R7F701014 | <input checked="" type="checkbox"/> | |
| | R7F701015 | <input checked="" type="checkbox"/> | |
| | R7F701016 | <input checked="" type="checkbox"/> | |
| R7F701017 | <input checked="" type="checkbox"/> | | |

| | | | |
|-------------------|-------------------------------------|-------------------------------------|--|
| RENEASAS RH850 | R7F701018 | <input checked="" type="checkbox"/> | |
| | R7F701019 | <input checked="" type="checkbox"/> | |
| | R7F701020 | <input checked="" type="checkbox"/> | |
| | R7F701021 | <input checked="" type="checkbox"/> | |
| | R7F701023 | <input checked="" type="checkbox"/> | |
| | R7F701024 | <input checked="" type="checkbox"/> | |
| | R7F701025 | <input checked="" type="checkbox"/> | |
| | R7F701026 | <input checked="" type="checkbox"/> | |
| | R7F701027 | <input checked="" type="checkbox"/> | |
| | R7F701028 | <input checked="" type="checkbox"/> | |
| | R7F701029 | <input checked="" type="checkbox"/> | |
| | R7F701030 | <input checked="" type="checkbox"/> | |
| | R7F701033 | <input checked="" type="checkbox"/> | |
| | R7F701034 | <input checked="" type="checkbox"/> | |
| | R7F701040 | <input checked="" type="checkbox"/> | |
| | R7F701041 | <input checked="" type="checkbox"/> | |
| | R7F701042 | <input checked="" type="checkbox"/> | |
| | R7F701043 | <input checked="" type="checkbox"/> | |
| | R7F701044 | <input checked="" type="checkbox"/> | |
| | R7F701045 | <input checked="" type="checkbox"/> | |
| | R7F701046 | <input checked="" type="checkbox"/> | |
| | R7F701047 | <input checked="" type="checkbox"/> | |
| | R7F701048 | <input checked="" type="checkbox"/> | |
| | R7F701049 | <input checked="" type="checkbox"/> | |
| | R7F701050 | <input checked="" type="checkbox"/> | |
| | R7F701051 | <input checked="" type="checkbox"/> | |
| | R7F701052 | <input checked="" type="checkbox"/> | |
| | R7F701053 | <input checked="" type="checkbox"/> | |
| | R7F701054 | <input checked="" type="checkbox"/> | |
| | R7F701055 | <input checked="" type="checkbox"/> | |
| | R7F701056 | <input checked="" type="checkbox"/> | |
| | R7F701057 | <input checked="" type="checkbox"/> | |
| | R7F701401 | <input checked="" type="checkbox"/> | |
| | R7F701A03 | <input checked="" type="checkbox"/> | |
| R7F701402 | <input checked="" type="checkbox"/> | | |
| R7F701403 | <input checked="" type="checkbox"/> | | |
| R7F701404 | <input checked="" type="checkbox"/> | | |
| R7F701405 | <input checked="" type="checkbox"/> | | |
| R7F701406 | <input checked="" type="checkbox"/> | | |

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|------------------|-------------------------------------|-------------------------------------|--|
| RENASAS RH850 | R7F701407 | <input checked="" type="checkbox"/> | |
| | R7F701408 | <input checked="" type="checkbox"/> | |
| | R7F701410 | <input checked="" type="checkbox"/> | |
| | R7F701411 | <input checked="" type="checkbox"/> | |
| | R7F701412 | <input checked="" type="checkbox"/> | |
| | R7F701422 | <input checked="" type="checkbox"/> | |
| | R7F701423 | <input checked="" type="checkbox"/> | |
| | R7F701428 | <input checked="" type="checkbox"/> | |
| | R7F701430 | <input checked="" type="checkbox"/> | |
| | R7F701431 | <input checked="" type="checkbox"/> | |
| | R7F701432 | <input checked="" type="checkbox"/> | |
| | R7F701542 | <input checked="" type="checkbox"/> | |
| | R7F701543 | <input checked="" type="checkbox"/> | |
| | R7F701544 | <input checked="" type="checkbox"/> | |
| | R7F701545 | <input checked="" type="checkbox"/> | |
| | R7F701546 | <input checked="" type="checkbox"/> | |
| | R7F701547 | <input checked="" type="checkbox"/> | |
| | R7F701548 | <input checked="" type="checkbox"/> | |
| | R7F701549 | <input checked="" type="checkbox"/> | |
| | R7F701552 | <input checked="" type="checkbox"/> | |
| | R7F701553 | <input checked="" type="checkbox"/> | |
| | R7F701557 | <input checked="" type="checkbox"/> | |
| | R7F701560 | <input checked="" type="checkbox"/> | |
| | R7F701561 | <input checked="" type="checkbox"/> | |
| | R7F701562 | <input checked="" type="checkbox"/> | |
| | R7F701563 | <input checked="" type="checkbox"/> | |
| | R7F701564 | <input checked="" type="checkbox"/> | |
| | R7F701565 | <input checked="" type="checkbox"/> | |
| | R7F701566 | <input checked="" type="checkbox"/> | |
| | R7F701567 | <input checked="" type="checkbox"/> | |
| | R7F701568 | <input checked="" type="checkbox"/> | |
| | R7F701569 | <input checked="" type="checkbox"/> | |
| | R7F701572 | <input checked="" type="checkbox"/> | |
| R7F701573 | <input checked="" type="checkbox"/> | | |
| R7F701577 | <input checked="" type="checkbox"/> | | |
| R7F701580 | <input checked="" type="checkbox"/> | | |
| R7F701581 | <input checked="" type="checkbox"/> | | |
| R7F701582 | <input checked="" type="checkbox"/> | | |
| R7F701583 | <input checked="" type="checkbox"/> | | |

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|-------------------|-----------|-------------------------------------|--|
| RENEASAS RH850 | R7F701586 | <input checked="" type="checkbox"/> | |
| | R7F701587 | <input checked="" type="checkbox"/> | |
| | R7F701589 | <input checked="" type="checkbox"/> | |
| | R7F701597 | <input checked="" type="checkbox"/> | |
| | R7F701602 | <input checked="" type="checkbox"/> | |
| | R7F701603 | <input checked="" type="checkbox"/> | |
| | R7F701610 | <input checked="" type="checkbox"/> | |
| | R7F701611 | <input checked="" type="checkbox"/> | |
| | R7F701612 | <input checked="" type="checkbox"/> | |
| | R7F701613 | <input checked="" type="checkbox"/> | |
| | R7F701620 | <input checked="" type="checkbox"/> | |
| | R7F701621 | <input checked="" type="checkbox"/> | |
| | R7F701622 | <input checked="" type="checkbox"/> | |
| | R7F701623 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon



| MFRS | TYPE | SUPPORT | REMARK |
|----------------|---------------|-------------------------------------|--------|
| RENESAS H8X | R5F61723 | <input checked="" type="checkbox"/> | |
| | R5F61725 | <input checked="" type="checkbox"/> | |
| | R5F61797 | <input checked="" type="checkbox"/> | |
| RENESAS R5F | R5F100/101xxx | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|-----------------|-------------------------------------|-------------------------------------|--------|
| RENESAS R8C | R5F21546E | <input checked="" type="checkbox"/> | |
| | R5F21547E | <input checked="" type="checkbox"/> | |
| | R5F21548E | <input checked="" type="checkbox"/> | |
| | R5F2154AE | <input checked="" type="checkbox"/> | |
| | R5F2154CE | <input checked="" type="checkbox"/> | |
| | R5F21546F | <input checked="" type="checkbox"/> | |
| | R5F21547F | <input checked="" type="checkbox"/> | |
| | R5F21548F | <input checked="" type="checkbox"/> | |
| | R5F2154AF | <input checked="" type="checkbox"/> | |
| | R5F2154CF | <input checked="" type="checkbox"/> | |
| | R5F21546G | <input checked="" type="checkbox"/> | |
| | R5F21547G | <input checked="" type="checkbox"/> | |
| | R5F21548G | <input checked="" type="checkbox"/> | |
| | R5F2154AG | <input checked="" type="checkbox"/> | |
| | R5F2154CG | <input checked="" type="checkbox"/> | |
| | R5F21546H | <input checked="" type="checkbox"/> | |
| | R5F21547H | <input checked="" type="checkbox"/> | |
| | R5F21548H | <input checked="" type="checkbox"/> | |
| | R5F2154AH | <input checked="" type="checkbox"/> | |
| | R5F2154CH | <input checked="" type="checkbox"/> | |
| RENESAS R32C | R5F6421D | <input checked="" type="checkbox"/> | |
| | R5F64216 | <input checked="" type="checkbox"/> | |
| | R5F6421A | <input checked="" type="checkbox"/> | |
| | R5F64217 | <input checked="" type="checkbox"/> | |
| | R5F6421B | <input checked="" type="checkbox"/> | |
| | R5F64218 | <input checked="" type="checkbox"/> | |
| | R5F6421C | <input checked="" type="checkbox"/> | |
| | R5F64207 | <input checked="" type="checkbox"/> | |
| | R5F6420B | <input checked="" type="checkbox"/> | |
| | R5F64206 | <input checked="" type="checkbox"/> | |
| | R5F6420A | <input checked="" type="checkbox"/> | |
| | R5F64110 | <input checked="" type="checkbox"/> | |
| | R5F64114 | <input checked="" type="checkbox"/> | |
| | R5F64111 | <input checked="" type="checkbox"/> | |
| | R5F64115 | <input checked="" type="checkbox"/> | |
| | R5F64112 | <input checked="" type="checkbox"/> | |
| R5F64116 | <input checked="" type="checkbox"/> | | |

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|-----------------|-----------|-------------------------------------|--|
| | R5F64165 | <input checked="" type="checkbox"/> | |
| | R5F64166 | <input checked="" type="checkbox"/> | |
| | R5F64167 | <input checked="" type="checkbox"/> | |
| | R5F64168 | <input checked="" type="checkbox"/> | |
| | R5F64169 | <input checked="" type="checkbox"/> | |
| | R5F6417A | <input checked="" type="checkbox"/> | |
| | R5F6417B | <input checked="" type="checkbox"/> | |
| | R5F64175 | <input checked="" type="checkbox"/> | |
| | R5F64185 | <input checked="" type="checkbox"/> | |
| | R5F64176 | <input checked="" type="checkbox"/> | |
| | R5F64186 | <input checked="" type="checkbox"/> | |
| | R5F64177 | <input checked="" type="checkbox"/> | |
| | R5F64187 | <input checked="" type="checkbox"/> | |
| | R5F64178 | <input checked="" type="checkbox"/> | |
| | R5F64188 | <input checked="" type="checkbox"/> | |
| | R5F64179 | <input checked="" type="checkbox"/> | |
| | R5F64189 | <input checked="" type="checkbox"/> | |
| | R5F64116J | <input checked="" type="checkbox"/> | |
| | R5F64117J | <input checked="" type="checkbox"/> | |
| | R5F64118J | <input checked="" type="checkbox"/> | |
| | R5F64116K | <input checked="" type="checkbox"/> | |
| | R5F64117K | <input checked="" type="checkbox"/> | |
| RENESAS R32C | R5F64118K | <input checked="" type="checkbox"/> | |
| | R5F64116L | <input checked="" type="checkbox"/> | |
| | R5F64117L | <input checked="" type="checkbox"/> | |
| | R5F64118L | <input checked="" type="checkbox"/> | |
| | R5F64116M | <input checked="" type="checkbox"/> | |
| | R5F64117M | <input checked="" type="checkbox"/> | |
| | R5F64118M | <input checked="" type="checkbox"/> | |
| | R5F6442F | <input checked="" type="checkbox"/> | |
| | R5F6445F | <input checked="" type="checkbox"/> | |
| | R5F6442H | <input checked="" type="checkbox"/> | |
| | R5F6445H | <input checked="" type="checkbox"/> | |
| | R5F6452XX | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|---------------------------|--------------|-------------------------------------|------------------------------|
| MOTOROLA MC68HC (7) 05 | MC68HC05B16 | <input checked="" type="checkbox"/> | Need use MC68HC05BX adapter |
| | MC68HC705B32 | <input checked="" type="checkbox"/> | Need use MC68HC05BX adapter |
| | MC68HC05X32 | <input checked="" type="checkbox"/> | Need use MC68HC05X32 adapter |
| | MC68HC705X32 | <input checked="" type="checkbox"/> | Need use MC68HC05X32 adapter |
| | MC68HC05E6 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| MOTOROLA MC68HC(9) 08 | MC68HC08AB16A_EEP | <input checked="" type="checkbox"/> | |
| | MC68HC08ASxx_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC08ASxxA_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC08AZxx_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC08AZxxA_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908ABxx_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908ASxx_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908ASxxA_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908ASxxA_FLASH | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908AZxx_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908AZxxA_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908AZxxA_FLASH | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908AZxxE_EEP | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908AZxxE_FLASH | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908GRxx | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908GTxx | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908GZxx | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC68HC908LJxx | <input checked="" type="checkbox"/> | Support R&W secured chip |
| MC68HC908LKxx | <input checked="" type="checkbox"/> | Support R&W secured chip | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|---------------------------|---------------|-------------------------------------|--------------------------|
| MOTOROLA MC68HC (9) 12 | MC68HC12BC32 | <input checked="" type="checkbox"/> | |
| | MC68HC12BE32 | <input checked="" type="checkbox"/> | |
| | MC68HC912B32 | <input checked="" type="checkbox"/> | |
| | MC68HC912BC32 | <input checked="" type="checkbox"/> | |
| | MC68HC912BD32 | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912D60A | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912DG128 | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912DG128A | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912DT128 | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912DT128A | <input checked="" type="checkbox"/> | Support R&W secured chip |
| | MC912DT128P | <input checked="" type="checkbox"/> | Support R&W secured chip |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|--------------------|-------------------------------------|-------------------------------------|--------|
| MOTOROLA MC9S08 | MC9S08AC | <input checked="" type="checkbox"/> | |
| | MC9S08AW | <input checked="" type="checkbox"/> | |
| | MC9S08DN | <input checked="" type="checkbox"/> | |
| | MC9S08DV | <input checked="" type="checkbox"/> | |
| | MC9S08DZ | <input checked="" type="checkbox"/> | |
| | MC9S08EL | <input checked="" type="checkbox"/> | |
| | MC9S08FL | <input checked="" type="checkbox"/> | |
| | MC9S08GB | <input checked="" type="checkbox"/> | |
| | MC9S08GW | <input checked="" type="checkbox"/> | |
| | MC9S08GT | <input checked="" type="checkbox"/> | |
| | MC9S08JE | <input checked="" type="checkbox"/> | |
| | MC9S08JM | <input checked="" type="checkbox"/> | |
| | MC9S08JS | <input checked="" type="checkbox"/> | |
| | MC9S08LC | <input checked="" type="checkbox"/> | |
| | MC9S08LG | <input checked="" type="checkbox"/> | |
| | MC9S08LH | <input checked="" type="checkbox"/> | |
| | MC9S08LL | <input checked="" type="checkbox"/> | |
| | MC9S08MM | <input checked="" type="checkbox"/> | |
| | MC9S08MP | <input checked="" type="checkbox"/> | |
| | MC9S08QA | <input checked="" type="checkbox"/> | |
| | MC9S08QB | <input checked="" type="checkbox"/> | |
| | MC9S08QD | <input checked="" type="checkbox"/> | |
| | MC9S08QE | <input checked="" type="checkbox"/> | |
| | MC9S08QG | <input checked="" type="checkbox"/> | |
| | MC9S08RC | <input checked="" type="checkbox"/> | |
| | MC9S08RD | <input checked="" type="checkbox"/> | |
| | MC9S08RE | <input checked="" type="checkbox"/> | |
| | MC9S08RG | <input checked="" type="checkbox"/> | |
| | MC9S08SC | <input checked="" type="checkbox"/> | |
| | MC9S08SE | <input checked="" type="checkbox"/> | |
| | MC9S08SF | <input checked="" type="checkbox"/> | |
| | MC9S08SG | <input checked="" type="checkbox"/> | |
| MC9S08SH | <input checked="" type="checkbox"/> | | |
| MC9S08SL | <input checked="" type="checkbox"/> | | |
| MC9S08SU | <input checked="" type="checkbox"/> | | |
| MC9S08SV | <input checked="" type="checkbox"/> | | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|--------------------|-----------|---|---|
| MOTOROLA MC9S12 | MC9S12A | ☑ | Support R&W secured chip |
| | MC9S12B | ☑ | Support R&W secured chip |
| | MC9S12C | ☑ | Support R&W secured chip |
| | MC9S12D | ☑ | Support R&W secured chip |
| | MC9S12DB | ☑ | Support R&W secured chip |
| | MC9S12DG | ☑ | Support R&W secured chip |
| | MC9S12DJ | ☑ | Support R&W secured chip |
| | MC9S12DP | ☑ | Support R&W secured chip |
| | MC9S12DT | ☑ | Support R&W secured chip |
| | MC9S12G | ☑ | Support R&W secured chip |
| | MC9S12GA | ☑ | Support R&W secured chip |
| | MC9S12GC | ☑ | Support R&W secured chip |
| | MC9S12GN | ☑ | Support R&W secured chip |
| | MC9S12HA | ☑ | |
| | MC9S12HY | ☑ | |
| | MC9S12HZ | ☑ | Support R&W secured chip (3L16Y) |
| | MC9S12KG | ☑ | Support R&W secured chip (2L33V) |
| | MC9S12KT | ☑ | Support R&W secured chip (2L33V) |
| | MC9S12VR | ☑ | |
| | MC9S12P | ☑ | |
| | MC9S12XA | ☑ | Support R&W secured chip |
| | MC9S12XB | ☑ | Support R&W secured chip |
| | MC9S12XD | ☑ | Support R&W secured chip |
| | MC9S12XDP | ☑ | Support R&W secured chip |
| | MC9S12XDQ | ☑ | Support R&W secured chip |
| | MC9S12XDT | ☑ | Support R&W secured chip |
| | MC9S12XEA | ☑ | Support R&W secured chip, auto detect data size |
| | MC9S12XEG | ☑ | Support R&W secured chip, auto detect data size |
| | MC9S12XEP | ☑ | Support R&W secured chip, auto detect data size |
| | MC9S12XEQ | ☑ | Support R&W secured chip, auto detect data size |
| | MC9S12XET | ☑ | Support R&W secured chip, auto detect data size |
| | MC9S12XHY | ☑ | |
| | MC9S12XHZ | ☑ | Support R&W secured chip |
| MC9S12XS | ☑ | | |
| MC9S12XF | ☑ | Support R&W secured chip, auto detect data size | |
| MC9S12ZVP | ☑ | | |
| MC9S12ZVC | ☑ | | |

| | | | |
|--|-----------|-------------------------------------|--|
| | MC9S12ZVH | <input checked="" type="checkbox"/> | |
| | MC9S12ZVM | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|----------------|---------|-------------------------------------|----------------------|
| NXP PCF79XX | PCF7922 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | PCF7941 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | PCF7945 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | PCF7952 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | PCF7953 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | PCF7961 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |

Notes: Already Support, Support Soon



| MFRS | TYPE | SUPPORT | REMARK |
|-------------|----------|-------------------------------------|--------|
| ST ST10F | ST10F269 | <input checked="" type="checkbox"/> | |
| | ST10F272 | <input checked="" type="checkbox"/> | |
| | ST10F275 | <input checked="" type="checkbox"/> | |
| | ST10F276 | <input checked="" type="checkbox"/> | |
| | ST10F280 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon



| MFRS | TYPE | SUPPORT | REMARK |
|--------------------|------------------|-------------------------------------|--------|
| INFINEON XC2XXX | XC2060M | <input checked="" type="checkbox"/> | |
| | XC2060N | <input checked="" type="checkbox"/> | |
| | XC2336A | <input checked="" type="checkbox"/> | |
| | XC2336B | <input checked="" type="checkbox"/> | |
| | XC2361A | <input checked="" type="checkbox"/> | |
| | XC2363A | <input checked="" type="checkbox"/> | |
| | XC2364A | <input checked="" type="checkbox"/> | |
| | XC2365A | <input checked="" type="checkbox"/> | |
| | XC2361B | <input checked="" type="checkbox"/> | |
| | XC2363B | <input checked="" type="checkbox"/> | |
| | XC2364B | <input checked="" type="checkbox"/> | |
| | XC2365B | <input checked="" type="checkbox"/> | |
| INFINEON XC8XXX | XC88*-6FF I (A) | <input checked="" type="checkbox"/> | |
| | XC88*-8FF I (A) | <input checked="" type="checkbox"/> | |
| | XC87*-13FF I (A) | <input checked="" type="checkbox"/> | |
| | XC87*-16FF I (A) | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|-------------------------|------------|-------------------------------------|--|
| ATMEL ATMEGA XXXX | ATMEGA48xx | <input checked="" type="checkbox"/> | 48/48P/48PB |
| | ATMEGA8 | <input checked="" type="checkbox"/> | |
| | ATMEGA88xx | <input checked="" type="checkbox"/> | 88/88P/88PB |
| | ATMEGA16xx | <input checked="" type="checkbox"/> | 16/162/164/164P/168 (P/PB) /169 (P) |
| | ATMEGA32xx | <input checked="" type="checkbox"/> | 32/323/324 (P/PB) /325 (P) /3250 (P) / 328 (P/PB) /329 (P/PB) /3290 (P) |
| | ATMEGA64xx | <input checked="" type="checkbox"/> | 64/644 (P) /645 (P) /6450 (P) /649 (P) /6490 (P) |
| | ATMEGA103 | <input checked="" type="checkbox"/> | |
| | ATMEGA128x | <input checked="" type="checkbox"/> | 128/1280/1281 |
| | ATMEGA256x | <input checked="" type="checkbox"/> | 2560/2561 |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|----------|-------------|-------------------------------------|--------|
| INFINEON | XC164CS-16F | <input checked="" type="checkbox"/> | |
| XC164CS | XC164CS-32F | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|---------------------|-------------------------------------|-------------------------------------|--------|
| MICROCHIP PIC18F | PIC18F6520 | <input checked="" type="checkbox"/> | |
| | PIC18F6620 | <input checked="" type="checkbox"/> | |
| | PIC18F6720 | <input checked="" type="checkbox"/> | |
| | PIC18F8520 | <input checked="" type="checkbox"/> | |
| | PIC18F8620 | <input checked="" type="checkbox"/> | |
| | PIC18F252 | <input checked="" type="checkbox"/> | |
| | PIC18F242 | <input checked="" type="checkbox"/> | |
| | PIC18F442 | <input checked="" type="checkbox"/> | |
| | PIC18F452 | <input checked="" type="checkbox"/> | |
| | PIC18F248 | <input checked="" type="checkbox"/> | |
| | PIC18F258 | <input checked="" type="checkbox"/> | |
| | PIC18F448 | <input checked="" type="checkbox"/> | |
| | PIC18F458 | <input checked="" type="checkbox"/> | |
| | PIC18F1220 | <input checked="" type="checkbox"/> | |
| | PIC18F2220 | <input checked="" type="checkbox"/> | |
| | PIC18F4220 | <input checked="" type="checkbox"/> | |
| | PIC18F1320 | <input checked="" type="checkbox"/> | |
| | PIC18F2320 | <input checked="" type="checkbox"/> | |
| | PIC18F4320 | <input checked="" type="checkbox"/> | |
| | PIC18F1230 | <input checked="" type="checkbox"/> | |
| | PIC18F1330 | <input checked="" type="checkbox"/> | |
| | PIC18F2221 | <input checked="" type="checkbox"/> | |
| | PIC18F4221 | <input checked="" type="checkbox"/> | |
| | PIC18F4321 | <input checked="" type="checkbox"/> | |
| | PIC18F2321 | <input checked="" type="checkbox"/> | |
| | PIC18F2331 | <input checked="" type="checkbox"/> | |
| | PIC18F4331 | <input checked="" type="checkbox"/> | |
| | PIC18F2431 | <input checked="" type="checkbox"/> | |
| | PIC18F4431 | <input checked="" type="checkbox"/> | |
| | PIC18F2423 | <input checked="" type="checkbox"/> | |
| | PIC18F4423 | <input checked="" type="checkbox"/> | |
| | PIC18F2523 | <input checked="" type="checkbox"/> | |
| | PIC18F4523 | <input checked="" type="checkbox"/> | |
| PIC18F23K20 | <input checked="" type="checkbox"/> | | |
| PIC18F43K20 | <input checked="" type="checkbox"/> | | |
| PIC18F24K20 | <input checked="" type="checkbox"/> | | |
| PIC18F44K20 | <input checked="" type="checkbox"/> | | |

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|---------------------|-------------------------------------|-------------------------------------|--|
| | PIC18F25K20 | <input checked="" type="checkbox"/> | |
| | PIC18F45K20 | <input checked="" type="checkbox"/> | |
| | PIC18F26K20 | <input checked="" type="checkbox"/> | |
| | PIC18F46K20 | <input checked="" type="checkbox"/> | |
| | PIC18F13K22 | <input checked="" type="checkbox"/> | |
| | PIC18F14K22 | <input checked="" type="checkbox"/> | |
| | PIC18F2480 | <input checked="" type="checkbox"/> | |
| | PIC18F4480 | <input checked="" type="checkbox"/> | |
| | PIC18F2580 | <input checked="" type="checkbox"/> | |
| | PIC18F4580 | <input checked="" type="checkbox"/> | |
| | PIC18F2455 | <input checked="" type="checkbox"/> | |
| | PIC18F4455 | <input checked="" type="checkbox"/> | |
| | PIC18F2550 | <input checked="" type="checkbox"/> | |
| | PIC18F4550 | <input checked="" type="checkbox"/> | |
| | PIC18F2525 | <input checked="" type="checkbox"/> | |
| | PIC18F4525 | <input checked="" type="checkbox"/> | |
| | PIC18F2620 | <input checked="" type="checkbox"/> | |
| | PIC18F4620 | <input checked="" type="checkbox"/> | |
| | PIC18F8720 | <input checked="" type="checkbox"/> | |
| MICROCHIP PIC12F | PIC12F635 | <input checked="" type="checkbox"/> | |
| | PIC12F683 | <input checked="" type="checkbox"/> | |
| | PIC12F508 | <input checked="" type="checkbox"/> | |
| | PIC12F509 | <input checked="" type="checkbox"/> | |
| | PIC12F510 | <input checked="" type="checkbox"/> | |
| | PIC12F519 | <input checked="" type="checkbox"/> | |
| | PIC12F609 | <input checked="" type="checkbox"/> | |
| | PIC12HV609 | <input checked="" type="checkbox"/> | |
| | PIC12HV615 | <input checked="" type="checkbox"/> | |
| | PIC12F615 | <input checked="" type="checkbox"/> | |
| | PIC12F617 | <input checked="" type="checkbox"/> | |
| | PIC12F1571 | <input checked="" type="checkbox"/> | |
| | PIC12(L)F1571 | <input checked="" type="checkbox"/> | |
| | PIC12(L)F1572 | <input checked="" type="checkbox"/> | |
| | PIC12F1572 | <input checked="" type="checkbox"/> | |
| | PIC12F1612 | <input checked="" type="checkbox"/> | |
| | PIC12F1822 | <input checked="" type="checkbox"/> | |
| | PIC12F1840 | <input checked="" type="checkbox"/> | |
| PIC12F752 | <input checked="" type="checkbox"/> | | |
| MICROCHIP | PIC16F631 | <input checked="" type="checkbox"/> | |

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|----------------|-------------------------------------|-------------------------------------|--|
| PIC16F | PIC16F636 | <input checked="" type="checkbox"/> | |
| | PIC16F639 | <input checked="" type="checkbox"/> | |
| | PIC16F677 | <input checked="" type="checkbox"/> | |
| | PIC16F684 | <input checked="" type="checkbox"/> | |
| | PIC16F685 | <input checked="" type="checkbox"/> | |
| | PIC16F687 | <input checked="" type="checkbox"/> | |
| | PIC16F688 | <input checked="" type="checkbox"/> | |
| | PIC16F689 | <input checked="" type="checkbox"/> | |
| | PIC16F690 | <input checked="" type="checkbox"/> | |
| | PIC16F505 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1823 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1824 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1825 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1826 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1827 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1828 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1829 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1847 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1613 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1614 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1615 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1618 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1619 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1508 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1509 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1503 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1507 | <input checked="" type="checkbox"/> | |
| | PIC16F610 | <input checked="" type="checkbox"/> | |
| | PIC16F616 | <input checked="" type="checkbox"/> | |
| | PIC16HV610 | <input checked="" type="checkbox"/> | |
| | PIC16HV616 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1512 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1513 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1516 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1517 | <input checked="" type="checkbox"/> | |
| | PIC16(L) F1518 | <input checked="" type="checkbox"/> | |
| PIC16(L) F1519 | <input checked="" type="checkbox"/> | | |
| PIC16(L) F1526 | <input checked="" type="checkbox"/> | | |
| PIC16(L) F1527 | <input checked="" type="checkbox"/> | | |

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|----------------|-------------------------------------|--|
| PIC16(L)F1713 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1716 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1717 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1718 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1719 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1703 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1704 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1705 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1707 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1708 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1709 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18313 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18323 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18324 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18344 | <input checked="" type="checkbox"/> | |
| PIC16(L)F17325 | <input checked="" type="checkbox"/> | |
| PIC16(L)F17345 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18326 | <input checked="" type="checkbox"/> | |
| PIC16(L)F18346 | <input checked="" type="checkbox"/> | |
| PIC16F72 | <input checked="" type="checkbox"/> | |
| PIC16F54 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1946 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1936 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1937 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1933 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1934 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1938 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1939 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1947 | <input checked="" type="checkbox"/> | |
| PIC16LF1906 | <input checked="" type="checkbox"/> | |
| PIC16LF1907 | <input checked="" type="checkbox"/> | |
| PIC16LF1903 | <input checked="" type="checkbox"/> | |
| PIC16LF1904 | <input checked="" type="checkbox"/> | |
| PIC16LF1902 | <input checked="" type="checkbox"/> | |
| PIC16F707 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1454 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1455 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1459 | <input checked="" type="checkbox"/> | |
| PIC16(L)F1554 | <input checked="" type="checkbox"/> | |

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|--|---------------|-------------------------------------|--|
| | PIC16(L)F1559 | <input checked="" type="checkbox"/> | |
| | PIC16(L)F1566 | <input checked="" type="checkbox"/> | |
| | PIC16(L)F1567 | <input checked="" type="checkbox"/> | |
| | PIC16F506 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|------------------|-------------------------------------|-------------------------------------|--------|
| FUJITSU MB91F | MB89F538 | <input checked="" type="checkbox"/> | |
| | MB89F499 | <input checked="" type="checkbox"/> | |
| | MB91F037 | <input checked="" type="checkbox"/> | |
| | MB91F211 | <input checked="" type="checkbox"/> | |
| | MB91F213 | <input checked="" type="checkbox"/> | |
| | MB91F060 | <input checked="" type="checkbox"/> | |
| | MB91F061 | <input checked="" type="checkbox"/> | |
| | MB91F062 | <input checked="" type="checkbox"/> | |
| | MB91F067 | <input checked="" type="checkbox"/> | |
| | MB91F575 | <input checked="" type="checkbox"/> | |
| | MB91F577 | <input checked="" type="checkbox"/> | |
| | MB91F578C | <input checked="" type="checkbox"/> | |
| | MB91F579C | <input checked="" type="checkbox"/> | |
| | MB91F591B | <input checked="" type="checkbox"/> | |
| | MB91F592B | <input checked="" type="checkbox"/> | |
| | MB91F594B | <input checked="" type="checkbox"/> | |
| | MB91F596B | <input checked="" type="checkbox"/> | |
| | MB91F597B | <input checked="" type="checkbox"/> | |
| | MB91F599B | <input checked="" type="checkbox"/> | |
| | MB91F59AC | <input checked="" type="checkbox"/> | |
| MB91F59BC | <input checked="" type="checkbox"/> | | |
| FUJITSU MB90F | MB90F342 | <input checked="" type="checkbox"/> | |
| | MB90F345 | <input checked="" type="checkbox"/> | |
| | MB90F346 | <input checked="" type="checkbox"/> | |
| | MB90F347 | <input checked="" type="checkbox"/> | |
| | MB90F349 | <input checked="" type="checkbox"/> | |
| | MB90F387 | <input checked="" type="checkbox"/> | |
| | MB90F423 | <input checked="" type="checkbox"/> | |
| | MB90F428 | <input checked="" type="checkbox"/> | |
| | MB90F438 | <input checked="" type="checkbox"/> | |
| | MB90F439 | <input checked="" type="checkbox"/> | |
| | MB90F455 | <input checked="" type="checkbox"/> | |
| | MB90F456 | <input checked="" type="checkbox"/> | |
| | MB90F457 | <input checked="" type="checkbox"/> | |
| | MB90F462 | <input checked="" type="checkbox"/> | |
| MB90F497 | <input checked="" type="checkbox"/> | | |
| MB90F498 | <input checked="" type="checkbox"/> | | |

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|------------------|------------|-------------------------------------|--|
| | MB90F523 | <input checked="" type="checkbox"/> | |
| | MB90F543 | <input checked="" type="checkbox"/> | |
| | MB90F546 | <input checked="" type="checkbox"/> | |
| | MB90F548 | <input checked="" type="checkbox"/> | |
| | MB90F549 | <input checked="" type="checkbox"/> | |
| | MB90F553 | <input checked="" type="checkbox"/> | |
| | MB90F594 | <input checked="" type="checkbox"/> | |
| | MB90F654 | <input checked="" type="checkbox"/> | |
| | MB90F867 | <input checked="" type="checkbox"/> | |
| FUJITSU MB95F | MB95F108B | <input checked="" type="checkbox"/> | |
| | MB95F166 | <input checked="" type="checkbox"/> | |
| | MB95F108AM | <input checked="" type="checkbox"/> | |
| | MB95F118M | <input checked="" type="checkbox"/> | |
| | MB95F118B | <input checked="" type="checkbox"/> | |
| | MB95F128 | <input checked="" type="checkbox"/> | |
| | MB95F128MB | <input checked="" type="checkbox"/> | |
| | MB95F168MA | <input checked="" type="checkbox"/> | |
| | MB95F156M | <input checked="" type="checkbox"/> | |
| | MB95F136MB | <input checked="" type="checkbox"/> | |
| | MB95F116MA | <input checked="" type="checkbox"/> | |
| FUJITSU MB96F | MB96F348 | <input checked="" type="checkbox"/> | |
| | MB96F385 | <input checked="" type="checkbox"/> | |
| | MB96F386 | <input checked="" type="checkbox"/> | |
| | MB96F387 | <input checked="" type="checkbox"/> | |
| | MB96F673 | <input checked="" type="checkbox"/> | |
| | MB96F675 | <input checked="" type="checkbox"/> | |
| | MB96F683 | <input checked="" type="checkbox"/> | |
| | MB96F685 | <input checked="" type="checkbox"/> | |
| | MB96F693 | <input checked="" type="checkbox"/> | |
| | MB96F695 | <input checked="" type="checkbox"/> | |
| | MB96F696 | <input checked="" type="checkbox"/> | |
| | MB96F6A5 | <input checked="" type="checkbox"/> | |
| | MB96F6A6 | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|---------------------|------------|-------------------------------------|-------------|
| INFINEON TRICORE | TC1762-CAN | <input checked="" type="checkbox"/> | R&W via CAN |
| | TC1766-CAN | <input checked="" type="checkbox"/> | R&W via CAN |
| | TC1793-CAN | <input checked="" type="checkbox"/> | R&W via CAN |
| | TC1796-CAN | <input checked="" type="checkbox"/> | R&W via CAN |

Notes: Already Support, Support Soon



| MFRS | TYPE | SUPPORT | REMARK |
|------------|------------|-------------------------------------|--------|
| ST STM8 | STM8AF5xxx | <input checked="" type="checkbox"/> | |
| | STM8AF6xxx | <input checked="" type="checkbox"/> | |
| | STM8AL31xx | <input checked="" type="checkbox"/> | |
| | STM8AL3Lxx | <input checked="" type="checkbox"/> | |
| | STM8L051xx | <input checked="" type="checkbox"/> | |
| | STM8L052xx | <input checked="" type="checkbox"/> | |
| | STM8L101xx | <input checked="" type="checkbox"/> | |
| | STM8L151xx | <input checked="" type="checkbox"/> | |
| | STM8L152xx | <input checked="" type="checkbox"/> | |
| | STM8L162xx | <input checked="" type="checkbox"/> | |
| | STM8S003xx | <input checked="" type="checkbox"/> | |
| | STM8S007xx | <input checked="" type="checkbox"/> | |
| | STM8S103xx | <input checked="" type="checkbox"/> | |
| | STM8S105xx | <input checked="" type="checkbox"/> | |
| | STM8S207xx | <input checked="" type="checkbox"/> | |
| | STM8S208xx | <input checked="" type="checkbox"/> | |
| | STM8S903xx | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

| MFRS | TYPE | SUPPORT | REMARK |
|---------------------|----------|-------------------------------------|--------|
| MOTOROLA MPC560X | MPC560XB | <input checked="" type="checkbox"/> | |
| | MPC560XC | <input checked="" type="checkbox"/> | |
| | MPC560XD | <input checked="" type="checkbox"/> | |
| | MPC560XE | <input checked="" type="checkbox"/> | |
| | MPC560XP | <input checked="" type="checkbox"/> | |
| | MPC560XS | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|---------------|-----------|-------------------------------------|--------|
| ST SPC560X | SPC560XS | <input checked="" type="checkbox"/> | |
| | SPC560BXX | <input checked="" type="checkbox"/> | |
| | SPC560CXX | <input checked="" type="checkbox"/> | |
| | SPC560DXX | <input checked="" type="checkbox"/> | |
| | SPC560PXX | <input checked="" type="checkbox"/> | |
| | SPC56APXX | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|------|----------------|-------------------------------------|--------|
| ST | ST72 (F) 321XX | <input checked="" type="checkbox"/> | |
| ST7 | ST72 (F) 521XX | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

VVDI PROG

| MFRS | TYPE | SUPPORT | REMARK |
|--------------|--------------|-------------------------------------|-------------------------------------|
| TI TMS370 | TMS370C002A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC28) Adapter |
| | TMS370C010A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC28) Adapter |
| | TMS370C012A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC28) Adapter |
| | TMS370C020A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC44) Adapter |
| | TMS370C022A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC44) Adapter |
| | TMS370C032A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC44) Adapter |
| | TMS370C040A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC44) Adapter |
| | TMS370C042A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC44) Adapter |
| | TMS370C050A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC68) Adapter |
| | TMS370C052A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC68) Adapter |
| | TMS370C056A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC68) Adapter |
| | TMS370C058A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC68) Adapter |
| | TMS370C256A | <input checked="" type="checkbox"/> | Need TMS370 (PLCC68) Adapter |
| | TI MSP430 | MSP430F1xx2 | <input checked="" type="checkbox"/> |
| MSP430F13x | | <input checked="" type="checkbox"/> | |
| MSP430F14xx | | <input checked="" type="checkbox"/> | |
| MSP430F15xx | | <input checked="" type="checkbox"/> | |
| MSP430F16xx | | <input checked="" type="checkbox"/> | |
| MSP430F21x | | <input checked="" type="checkbox"/> | |
| MSP430F23x | | <input checked="" type="checkbox"/> | |
| MSP430F24x | | <input checked="" type="checkbox"/> | |
| MSP430F24x | | <input checked="" type="checkbox"/> | |
| MSP430F43x | | <input checked="" type="checkbox"/> | |
| MSP430F44x | | <input checked="" type="checkbox"/> | |
| MSP430F47X | | <input checked="" type="checkbox"/> | |

Notes: Already Support, Support Soon

7.Support Model List

7.1. ECU

| MFRS | TYPE | SUPPO RT | REMARK |
|--------------|---------------------|-------------------------------------|-------------------------------|
| BENZ | W203 (AM29F400BB) | <input checked="" type="checkbox"/> | |
| BMW E SERIES | MEVD17 (N55) | <input checked="" type="checkbox"/> | |
| | MEVD1724 (N20) | <input checked="" type="checkbox"/> | |
| | MEVD1726 (N55) | <input checked="" type="checkbox"/> | |
| | MEVD1729 (N20) | <input checked="" type="checkbox"/> | |
| BMW F SERIES | MEVD172 (N55) | <input checked="" type="checkbox"/> | |
| | MEVD1724 (N20) | <input checked="" type="checkbox"/> | |
| | MEVD1725 (N13) | <input checked="" type="checkbox"/> | |
| | MEVD1726 (N55) | <input checked="" type="checkbox"/> | |
| | MEVD1728 (N63/S63) | <input checked="" type="checkbox"/> | |
| | MEVD1729 (N20) | <input checked="" type="checkbox"/> | |
| | MEVD172G (N55) | <input checked="" type="checkbox"/> | |
| | MEVD172P (N20) | <input checked="" type="checkbox"/> | |
| | MEVD172S (N55) | <input checked="" type="checkbox"/> | |
| BOMBARDIER | QUADROCYCLE (2011) | <input checked="" type="checkbox"/> | |
| CHANGAN | BENBEN MT20UED | <input checked="" type="checkbox"/> | |
| DELPHI | ME20U2-XET256 | <input checked="" type="checkbox"/> | |
| | ME20U2-XET512 | <input checked="" type="checkbox"/> | |
| | MT20U2-MC912DT128P | <input checked="" type="checkbox"/> | |
| | MT20U2-2L33V | <input checked="" type="checkbox"/> | |
| | MT20UED | <input checked="" type="checkbox"/> | |
| | MT22-XEP768 | <input checked="" type="checkbox"/> | |
| | MT60-XEP768 | <input checked="" type="checkbox"/> | |
| | MT60 (TC1766) | <input checked="" type="checkbox"/> | |
| | MT80 (TC1766) | <input checked="" type="checkbox"/> | |
| HYUNDAI | HYUNDAI (2005-2008) | <input checked="" type="checkbox"/> | (R&W AM29BDD160GB and 29F400) |
| | SONATA (2009-2010) | <input checked="" type="checkbox"/> | (R&W S29CD016Jand 29F400) |
| | MEG17. 9. 12 | <input checked="" type="checkbox"/> | |
| | ME17. 9. 11 | <input checked="" type="checkbox"/> | |
| | KEFICO-ME17. 9. 1 | <input checked="" type="checkbox"/> | |

| | | | |
|--------------------|-------------------------|-------------------------------------|-------------------------------|
| | EDC-17C08 | <input checked="" type="checkbox"/> | |
| | EDC-17 | <input checked="" type="checkbox"/> | |
| | 3500 | <input checked="" type="checkbox"/> | |
| | ENGINE-341 | <input checked="" type="checkbox"/> | |
| | ECU-341\GEAR BOX | <input checked="" type="checkbox"/> | |
| | NEW-MODULE (2011-2015) | <input checked="" type="checkbox"/> | |
| KIA | KIA (2005-2008) | <input checked="" type="checkbox"/> | (R&W AM29BDD160GB and 29F400) |
| | ME17. 9. 11. 1 (TC1762) | <input checked="" type="checkbox"/> | |
| MAGNETI MARELLI | IAW 4AC. A4 | <input checked="" type="checkbox"/> | |
| | IAW-6LP2. 03 | <input checked="" type="checkbox"/> | |
| | IAW-6LPA. 01 | <input checked="" type="checkbox"/> | |
| | IAW-6LPB (ST10F280) | <input checked="" type="checkbox"/> | |
| PEUGEOT | 405 (ST10F271) | <input checked="" type="checkbox"/> | |
| RENAULT | MODUS-XC164CS-32F | <input checked="" type="checkbox"/> | |
| | EMS3134 (29F400BB) | <input checked="" type="checkbox"/> | |
| VOLKSWAGEN | EDC17_CP14 (TC1796) | <input checked="" type="checkbox"/> | |
| | ME7. 5. 20 (ST10F275) | <input checked="" type="checkbox"/> | |
| | MED17. 1 (TC1766) | <input checked="" type="checkbox"/> | |
| | MED17. 5 (TC1766) | <input checked="" type="checkbox"/> | |
| | MED17. 5. 20 (TC1766) | <input checked="" type="checkbox"/> | |
| | SIMOS9. 4 (AM29F400BB) | <input checked="" type="checkbox"/> | |
| OTHER | CNG (2010-2014) | <input checked="" type="checkbox"/> | |
| | XP8000E-XET256 | <input checked="" type="checkbox"/> | |
| BOSCH | ME7 | <input checked="" type="checkbox"/> | |
| | ME7. 4. 4 | <input checked="" type="checkbox"/> | (R&W 29F400 and 95160) |
| | ME7. 4. 5 | <input checked="" type="checkbox"/> | (R&W ST10F275 and 95320) |
| | ME7. 4. 9NG | <input checked="" type="checkbox"/> | (R&W ST10F275 and 95320) |
| | ME7. 9. 7. 1 | <input checked="" type="checkbox"/> | |
| | MG7. 9. 8 | <input checked="" type="checkbox"/> | |
| SIEMENS | EMS6104 (AM29F400BB) | <input checked="" type="checkbox"/> | |
| | SIMTEC76 (29F400BB) | <input checked="" type="checkbox"/> | |

7.2. IMMOBILIZER

| MFRS | TYPE | SUPPORT | REMARK |
|------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| AUDI | BCM2 | <input checked="" type="checkbox"/> | (D70F3379/3380/3381/3634) |
| | A4L-BCM | <input checked="" type="checkbox"/> | (1L15Y) |
| | J518 (---2010) | <input checked="" type="checkbox"/> | (1L59W/3L40K) |
| | J518 (2010--) | <input checked="" type="checkbox"/> | (0L01Y) |
| | KESY (2008--) | <input checked="" type="checkbox"/> | |
| BENZ | EIS-W203 | <input checked="" type="checkbox"/> | (HC08) |
| | EIS-W220 | <input checked="" type="checkbox"/> | (HC08) |
| | EIS-W639 | <input checked="" type="checkbox"/> | (HC08) |
| | EIZ-W203 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W209 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W211 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W219 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W220 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W230 | <input checked="" type="checkbox"/> | (HC12) |
| | EIZ-W164 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W169 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W203 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W209 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W211 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W215 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W219 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W220 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W221 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W230 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W463 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ-W906 | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ Vaneo | <input checked="" type="checkbox"/> | (ST12) |
| | EIZ MAYBACH | <input checked="" type="checkbox"/> | (ST12) |
| EIZ SPRINTER (2015--) | <input checked="" type="checkbox"/> | (ST12) | |
| SPRINTER-IMMOBOX (2002-2005) | <input checked="" type="checkbox"/> | | |
| HC05E6_REMOTE (0F82B) | <input checked="" type="checkbox"/> | | |
| BMW | EWS3 (0D46J) | <input checked="" type="checkbox"/> | Need EWS3 adapter |
| | EWS4. X | <input checked="" type="checkbox"/> | |
| | MOTORCYCLE (2016) | <input checked="" type="checkbox"/> | |
| | CAS1 | <input checked="" type="checkbox"/> | (0K50E) |

| | | | |
|------------|--------------------------------|-------------------------------------|----------------|
| | CAS2 | <input checked="" type="checkbox"/> | (2K79X/0L01Y) |
| | CAS3 | <input checked="" type="checkbox"/> | (2K79X/0L01Y) |
| | CAS3+ | <input checked="" type="checkbox"/> | (0L15Y/0M23S) |
| | CAS4 | <input checked="" type="checkbox"/> | (1L15Y) |
| | CAS4 | <input checked="" type="checkbox"/> | (5M48H/1N35H) |
| CHANGAN | CS75-BODY-COMPUTER | <input checked="" type="checkbox"/> | |
| | ALSVIN (2012) | <input checked="" type="checkbox"/> | |
| | AUNEAU DELPHI 48 | <input checked="" type="checkbox"/> | |
| | NEW-BENBEN-BODY-COMPUTE (2015) | <input checked="" type="checkbox"/> | |
| JEEP | WRANGLER-BCM (2013) | <input checked="" type="checkbox"/> | |
| BAIC MOTOR | BJ40-BCM (2016) | <input checked="" type="checkbox"/> | |
| | E150-BCM | <input checked="" type="checkbox"/> | |
| | HUANSU-S3-BCM | <input checked="" type="checkbox"/> | |
| | SENOVA-D50-BCM | <input checked="" type="checkbox"/> | |
| HYUNDAI | ELANTRA-KGB-MODULE | <input checked="" type="checkbox"/> | (MC9S12XEG384) |
| | IX35 (2015) (MC9S12XD256) | <input checked="" type="checkbox"/> | |

| MFRS | TYPE | SUPPORT | REMARK |
|-----------|-------------------------------|-------------------------------------|-------------------------|
| CHEVROLET | CRUZE-BCM (D70F3385) | <input checked="" type="checkbox"/> | |
| | NEWSAILBCM (2013--) | <input checked="" type="checkbox"/> | |
| | EPICA_BCM (--2009) | <input checked="" type="checkbox"/> | (Support read PASSWORD) |
| | SAIL_IMMOBOX (--2009) | <input checked="" type="checkbox"/> | (Support read PASSWORD) |
| STEC | STEC IMMOBILIZER | <input checked="" type="checkbox"/> | |
| CHRYSLER | 300C | <input checked="" type="checkbox"/> | |
| | DODGE-JOURNEY-WIN (2010) | <input checked="" type="checkbox"/> | |
| FIAT | BSI | <input checked="" type="checkbox"/> | |
| | PANDA_BSI_1L40K | <input checked="" type="checkbox"/> | |
| | FIAT IMMOBILIZER | <input checked="" type="checkbox"/> | |
| FORD | BCM-7S7T | <input checked="" type="checkbox"/> | 1L15Y |
| GM | BCM3 | <input checked="" type="checkbox"/> | |
| | KEYLESS-ENTRY-MODULE (2009--) | <input checked="" type="checkbox"/> | |
| GREATWALL | DELPHI-IMMOBILIZER | <input checked="" type="checkbox"/> | |
| | H2-BCM | <input checked="" type="checkbox"/> | |
| | HAVAL-H9-BCM (D70F3632) | <input checked="" type="checkbox"/> | |
| GEELY | EC820-BCM | <input checked="" type="checkbox"/> | |
| INFINITI | BCM-XDT384 | <input checked="" type="checkbox"/> | |
| | BCM-XEG384 | <input checked="" type="checkbox"/> | |
| LANDROVER | BCM (2009--) | <input checked="" type="checkbox"/> | (MC9S12XEP768/XEP100) |
| | RANGE ROVER EWS (2004-08) | <input checked="" type="checkbox"/> | |
| | DISCOVER3-CEM | <input checked="" type="checkbox"/> | |
| | RANGE ROVER SPORT-CEM | <input checked="" type="checkbox"/> | |
| LUXGEN | BIG7-ICU (HC908GZ32) | <input checked="" type="checkbox"/> | |
| JAGUAR | SMARTKEY-OL01Y | <input checked="" type="checkbox"/> | |
| NISSAN | BCM-XDT384 | <input checked="" type="checkbox"/> | |
| | BCM-XEG384 | <input checked="" type="checkbox"/> | |
| OPEL | ASTRADG128 | <input checked="" type="checkbox"/> | |
| | ZAFIRADG128 | <input checked="" type="checkbox"/> | |
| | VECTRA (2004-08) | <input checked="" type="checkbox"/> | |
| | OPEL_IMMOBOX (--2009) | <input checked="" type="checkbox"/> | (Support read PASSWORD) |
| PORSCHE | BCM-1L15Y | <input checked="" type="checkbox"/> | |
| | BCM-2M25J | <input checked="" type="checkbox"/> | |
| | BCM-5M48H | <input checked="" type="checkbox"/> | |
| | BCM-1N35H | <input checked="" type="checkbox"/> | |
| RENAULT | BCM-XDT384 | <input checked="" type="checkbox"/> | |
| | BCM-XEG384 | <input checked="" type="checkbox"/> | |

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|------------|-------------------------------|-------------------------------------|---------------------------|
| | LAGUNABCM (2010--) | <input checked="" type="checkbox"/> | |
| | LAGUNA UCT (2006) | <input checked="" type="checkbox"/> | |
| | MEGANE-UCH | <input checked="" type="checkbox"/> | |
| SAIC MOTOR | MG7 | <input checked="" type="checkbox"/> | |
| | MG-GS-BCM (2017) | <input checked="" type="checkbox"/> | |
| | ROEWE750 | <input checked="" type="checkbox"/> | |
| VOLKSWAGEN | BCM-XEQ384 | <input checked="" type="checkbox"/> | |
| | BCM2 | <input checked="" type="checkbox"/> | (D70F3379/3380/3381/3634) |
| | KESY (2008--) | <input checked="" type="checkbox"/> | |
| | JETTA_IMMOBOX (--2008) | <input checked="" type="checkbox"/> | (Support read PASSWORD) |
| VOLVO | XC60-REVIEW-MIRROR | <input checked="" type="checkbox"/> | |
| | KVM | <input checked="" type="checkbox"/> | |
| ZHONGHUA | H530-BCM-V1 | <input checked="" type="checkbox"/> | |
| FAW | BESTURN-B70-BCM | <input checked="" type="checkbox"/> | (MC9S12XEG128) |
| | BESTURN-B90-BCM | <input checked="" type="checkbox"/> | |
| | JIEFANG-J6-HCS300 | <input checked="" type="checkbox"/> | |
| | JIEFANG-J6-BCM | <input checked="" type="checkbox"/> | |
| BUICK | EXCELLE BCM (2013--) | <input checked="" type="checkbox"/> | |
| | EXCELLEGTBCM (2013--) | <input checked="" type="checkbox"/> | |
| | EXCELLE (2014) | <input checked="" type="checkbox"/> | |
| | EXCELLE-GT-BCM (D70F3385) | <input checked="" type="checkbox"/> | |
| | EXCELLE-GT-BCM (D70F3469) | <input checked="" type="checkbox"/> | |
| | LACROSSE-BCM (2008) | <input checked="" type="checkbox"/> | |
| | REGAL-KG-MODULE (2014) | <input checked="" type="checkbox"/> | |
| JEEP | GRAND-CHEROKEE-IMMO (0L72A) | <input checked="" type="checkbox"/> | |
| LEOPAARD | CS10-IMMO | <input checked="" type="checkbox"/> | |
| YEMA | T70-IMMO | <input checked="" type="checkbox"/> | |
| TUNGTHIH | IMMOBOX (STM8AF5268) | <input checked="" type="checkbox"/> | |
| | IMMOBOX (STM8AF6268) | <input checked="" type="checkbox"/> | |
| | IMMOBOX (STM8AF6288) | <input checked="" type="checkbox"/> | |
| SSANGYONG | IMMOBOX (MSP430F1232) | <input checked="" type="checkbox"/> | |
| ZOTYE | DAMAI-X5-BODY-COMPUTER (2015) | <input checked="" type="checkbox"/> | |

7.3. DASHBOARD

| MFRS | TYPE | SUPPORT | REMARK |
|------------|-------------------------------------|-------------------------------------|--------|
| BUICK | EXCELLE (2010) | <input checked="" type="checkbox"/> | |
| | EXCELLE (2011-12) | <input checked="" type="checkbox"/> | |
| | EXCELLE (2013-15) | <input checked="" type="checkbox"/> | |
| | EXCELLEGT (D70F3423) | <input checked="" type="checkbox"/> | |
| | EXCELLEGT (D70F3529) | <input checked="" type="checkbox"/> | |
| | GL8-FIRSTLAND (2007) | <input checked="" type="checkbox"/> | |
| | LACROSSE (2008) | <input checked="" type="checkbox"/> | |
| CHANGAN | BENBEN | <input checked="" type="checkbox"/> | |
| | BENBEN-EV (2018) | <input checked="" type="checkbox"/> | |
| | JINNIUXING | <input checked="" type="checkbox"/> | |
| | S35 | <input checked="" type="checkbox"/> | |
| | YUEXIANG | <input checked="" type="checkbox"/> | |
| | ALSVIN-V3 (2012) | <input checked="" type="checkbox"/> | |
| | ALSVIN-V5 (2014) | <input checked="" type="checkbox"/> | |
| | ALSVIN-V7 (2017) | <input checked="" type="checkbox"/> | |
| | CHANGAN-STAR-3 (2016) | <input checked="" type="checkbox"/> | |
| | CHANGAN-STAR-9 | <input checked="" type="checkbox"/> | |
| | CS35 (2015) | <input checked="" type="checkbox"/> | |
| | CS35 (2016) | <input checked="" type="checkbox"/> | |
| | CS75 (2014) | <input checked="" type="checkbox"/> | |
| | EADO | <input checked="" type="checkbox"/> | |
| | EADO (2015) | <input checked="" type="checkbox"/> | |
| | EULOVE (2014) | <input checked="" type="checkbox"/> | |
| | RUIXING | <input checked="" type="checkbox"/> | |
| | CX20 (2012) | <input checked="" type="checkbox"/> | |
| | GOD-ANGEL (2015) | <input checked="" type="checkbox"/> | |
| | HONOR | <input checked="" type="checkbox"/> | |
| | OUZHANG (2017) | <input checked="" type="checkbox"/> | |
| | RAETON (2013) | <input checked="" type="checkbox"/> | |
| | XINBAO (MC9S08LG16) | <input checked="" type="checkbox"/> | |
| | NEW-BENBEN (2015) | <input checked="" type="checkbox"/> | |
| CX70 | <input checked="" type="checkbox"/> | | |
| CHANGCHENG | FENGJUN-6 | <input checked="" type="checkbox"/> | |
| CHERY | ARRIZ07 | <input checked="" type="checkbox"/> | |
| | ARRIZ07 (2015) | <input checked="" type="checkbox"/> | |

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|--------------|-------------------------------------|-------------------------------------|--------------|
| | ARRIZO-M7 | <input checked="" type="checkbox"/> | |
| | E5-3L16Y | <input checked="" type="checkbox"/> | |
| | EQ-DASHBOARD (2017) | <input checked="" type="checkbox"/> | |
| | NEW QQ | <input checked="" type="checkbox"/> | |
| | TIGGO5 (MB91F594BS) | <input checked="" type="checkbox"/> | |
| CHEVROLET | AVEO | <input checked="" type="checkbox"/> | |
| | CAPTIVA (2008) | <input checked="" type="checkbox"/> | |
| | CAPTIVA (2011) | <input checked="" type="checkbox"/> | |
| | CRUZE (D70F3423) | <input checked="" type="checkbox"/> | |
| | MALIBU (D70F3426) | <input checked="" type="checkbox"/> | |
| DAYUN | AUTOPLEAD-DASHBOARD (2017) | <input checked="" type="checkbox"/> | |
| DONGFENG | VENUCIA-D50 | <input checked="" type="checkbox"/> | |
| | VENUCIAR50 (2014) | <input checked="" type="checkbox"/> | |
| | XIAOKANG (2014) | <input checked="" type="checkbox"/> | |
| | XIAOKANG (2015) | <input checked="" type="checkbox"/> | |
| | FENGGUANG (2016) | <input checked="" type="checkbox"/> | |
| | FENGGUANG-330 (2015) | <input checked="" type="checkbox"/> | |
| | FXAUTO-LZ | <input checked="" type="checkbox"/> | |
| | AX7 | <input checked="" type="checkbox"/> | |
| | LINGZHI_M5 (2016) | <input checked="" type="checkbox"/> | (MC9S12HY64) |
| FAW | BESTURN-B50 | <input checked="" type="checkbox"/> | |
| | BESTURN-B90 (2014) | <input checked="" type="checkbox"/> | |
| | BESTURN-X80 | <input checked="" type="checkbox"/> | |
| | BESTURN-X80 (2013) | <input checked="" type="checkbox"/> | |
| | JIEFANG (3L16Y) | <input checked="" type="checkbox"/> | |
| | VITA (2008) | <input checked="" type="checkbox"/> | |
| FORD | DASHBORAD (SPC5604S) | <input checked="" type="checkbox"/> | |
| | DASHBORAD (SPC5606S) | <input checked="" type="checkbox"/> | |
| | FIESTA | <input checked="" type="checkbox"/> | |
| | FIESTA (3L16Y) | <input checked="" type="checkbox"/> | |
| | FOCUS (2005) | <input checked="" type="checkbox"/> | |
| | FOCUS (09-10) | <input checked="" type="checkbox"/> | |
| | FOCUS-C-MAX (2009) | <input checked="" type="checkbox"/> | |
| | KUGA (3L16Y) | <input checked="" type="checkbox"/> | |
| | MONDEO (2004-07) | <input checked="" type="checkbox"/> | |
| | MONDEOCHIA-X (2009) | <input checked="" type="checkbox"/> | |
| S-MAX (2008) | <input checked="" type="checkbox"/> | | |
| FOTON | NU-NING | <input checked="" type="checkbox"/> | |
| GEELY | YINGLUN (2012) | <input checked="" type="checkbox"/> | |

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|------------|-------------------------|-------------------------------------|------------|
| | BORUI (2014-) | <input checked="" type="checkbox"/> | |
| | EMGRAND | <input checked="" type="checkbox"/> | |
| GREAT WALL | C30 (2010) | <input checked="" type="checkbox"/> | |
| | H5-1M80F | <input checked="" type="checkbox"/> | |
| | HAVAL-H6 | <input checked="" type="checkbox"/> | |
| HAFEI | LOB0 (2008) | <input checked="" type="checkbox"/> | |
| KIA | K5 (2017) | <input checked="" type="checkbox"/> | |
| | K5 (2015) | <input checked="" type="checkbox"/> | |
| TOYOTA | TOYOTA (2014-) | <input checked="" type="checkbox"/> | |
| | FORTUNER (2018) | <input checked="" type="checkbox"/> | |
| HANTENG | X7 (2016) | <input checked="" type="checkbox"/> | |
| GACMOTOR | TRUMPCHI-GA6 (2015) | <input checked="" type="checkbox"/> | |
| | TRUMPCHI-GS4 | <input checked="" type="checkbox"/> | |
| BAICMOTOR | SENOVA-D50 | <input checked="" type="checkbox"/> | |
| | SENOVA-D60 | <input checked="" type="checkbox"/> | |
| | SENOVA-D70 | <input checked="" type="checkbox"/> | |
| | B40 | <input checked="" type="checkbox"/> | |
| | BJ40-DASHBOARD | <input checked="" type="checkbox"/> | |
| | E130 | <input checked="" type="checkbox"/> | |
| | WEI WANG-S50 | <input checked="" type="checkbox"/> | |
| | WEI WANG-E50F (2018) | <input checked="" type="checkbox"/> | |
| | E150-DASHBOARD (2014) | <input checked="" type="checkbox"/> | |
| | EX200-BCM (2016) | <input checked="" type="checkbox"/> | |
| | S50 (2018) | <input checked="" type="checkbox"/> | |
| BORGWARD | BORGWARD (2017) | <input checked="" type="checkbox"/> | |
| LANDROVER | FREELANDER (2004) | <input checked="" type="checkbox"/> | |
| LEOPAARD | CS10 | <input checked="" type="checkbox"/> | |
| VOLKSWAGEN | BEETLE-DASHBOARD (2005) | <input checked="" type="checkbox"/> | |
| | BEETLE-DASHBOARD (2010) | <input checked="" type="checkbox"/> | |
| | POLO | <input checked="" type="checkbox"/> | |
| | LAVIDA_DASHBOARD | <input checked="" type="checkbox"/> | (D79F3422) |
| SAG | DELONG | <input checked="" type="checkbox"/> | |
| KARRY | K50-DASHBOARD (2015) | <input checked="" type="checkbox"/> | |
| HYUNDAI | VERNA (D70F3421) | <input checked="" type="checkbox"/> | |
| | VERNA (2017) | <input checked="" type="checkbox"/> | |

| MFRS | TYPE | SUPPORT | REMARK |
|------------|---------------------------|-------------------------------------|--------|
| HAIMA | FAMILY (2011-13) | <input checked="" type="checkbox"/> | |
| HONDA | HONDA (2014-) | <input checked="" type="checkbox"/> | |
| JAC | IEV-DASHBOARD (2017) | <input checked="" type="checkbox"/> | |
| | REFINE-S5 | <input checked="" type="checkbox"/> | |
| | REFINE (2017) | <input checked="" type="checkbox"/> | |
| JAGUAR | S-SEIRES | <input checked="" type="checkbox"/> | |
| JINBEI | JINBEI (2015) | <input checked="" type="checkbox"/> | |
| JMC | LANDWIND-X8 | <input checked="" type="checkbox"/> | |
| | LANDWIND-X7 | <input checked="" type="checkbox"/> | |
| LUXGEN | LUXGEN | <input checked="" type="checkbox"/> | |
| NISSAN | QASHQAI (2011) | <input checked="" type="checkbox"/> | |
| | QUEST (2006) | <input checked="" type="checkbox"/> | |
| SAIC MOTOR | BAOJUN330 | <input checked="" type="checkbox"/> | |
| | BAOJUN630 | <input checked="" type="checkbox"/> | |
| | BAOJUN630 (2015) | <input checked="" type="checkbox"/> | |
| | BAOJUN730 | <input checked="" type="checkbox"/> | |
| | BAOJUN730 (2015) | <input checked="" type="checkbox"/> | |
| | ROEWE550 | <input checked="" type="checkbox"/> | |
| | SAICMAXUS-RV (2014) | <input checked="" type="checkbox"/> | |
| | SAICMAXUS-RV (2015) | <input checked="" type="checkbox"/> | |
| | WULINGHONGGUANG-S | <input checked="" type="checkbox"/> | |
| | SGMW-HONGGUANG | <input checked="" type="checkbox"/> | |
| | SGMW-WULINGZHIGUANG | <input checked="" type="checkbox"/> | |
| | SGMW-RONGGUANG | <input checked="" type="checkbox"/> | |
| | MG3 (2016) | <input checked="" type="checkbox"/> | |
| | MG3 (2013) | <input checked="" type="checkbox"/> | |
| | MG6 | <input checked="" type="checkbox"/> | |
| | MG-GT-DASHBOARD (2014) | <input checked="" type="checkbox"/> | |
| | BAOJUN (2017) | <input checked="" type="checkbox"/> | |
| SUZUKI | RAYCH (2011) | <input checked="" type="checkbox"/> | |
| VOLVO | C70 (2011) | <input checked="" type="checkbox"/> | |
| | S40 (2006-08) | <input checked="" type="checkbox"/> | |
| | S40 (2010) | <input checked="" type="checkbox"/> | |
| | S80 (2009) | <input checked="" type="checkbox"/> | |
| | XC60 (2012) | <input checked="" type="checkbox"/> | |
| | XC60 (2014) | <input checked="" type="checkbox"/> | |
| | XC60-HIGH-EQUIPPED (2014) | <input checked="" type="checkbox"/> | |

| | | | |
|----------|----------------|-------------------------------------|--|
| | XC60 (2016) | <input checked="" type="checkbox"/> | |
| ZHONGHUA | FSV (2010-) | <input checked="" type="checkbox"/> | |
| | H330 | <input checked="" type="checkbox"/> | |
| | V5 (2008) | <input checked="" type="checkbox"/> | |
| ZOTYE | DOMY-X5 (2015) | <input checked="" type="checkbox"/> | |
| | SR7 | <input checked="" type="checkbox"/> | |
| | T600 (2015) | <input checked="" type="checkbox"/> | |
| | Z300 (2013) | <input checked="" type="checkbox"/> | |
| | Z500 (2015) | <input checked="" type="checkbox"/> | |

VVDI PROG

7.4. REMOTE

| MFRS | TYPE | SUPPORT | REMARK |
|--------------|--------------|-------------------------------------|----------------------|
| BMWESERIES | ORIGINAL 315 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | ORIGINAL868 | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | THIRDPARTY | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| BMW F SERIES | 315 REMOTE | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | 433 REMOTE | <input checked="" type="checkbox"/> | Need PCF79XX adapter |
| | 868 REMOTE | <input checked="" type="checkbox"/> | Need PCF79XX adapter |

7.5. AIRBAG

| MFRS | TYPE | SUPPORT | REMARK |
|------------|----------------------------|-------------------------------------|--------|
| BUICK | EXCELLEGT-SRS | <input checked="" type="checkbox"/> | |
| | GL8-SRS (2015) | <input checked="" type="checkbox"/> | |
| | REGAL-SRS (2014) | <input checked="" type="checkbox"/> | |
| | REGAL-SRS (MC9S12XEG384) | <input checked="" type="checkbox"/> | |
| BOSCH | AB12CL (R7F701A033) | <input checked="" type="checkbox"/> | |
| CHANGAN | ALSVIN-SRS | <input checked="" type="checkbox"/> | |
| | CS35 (2017) | <input checked="" type="checkbox"/> | |
| CHERY | RIICH-M1-SRS | <input checked="" type="checkbox"/> | |
| CHEVROLET | NEW-SAIL-SRS (2016) | <input checked="" type="checkbox"/> | |
| | CRUZE (2012) | <input checked="" type="checkbox"/> | |
| CITROEN | ELYSEE-SRS (D70F3624) | <input checked="" type="checkbox"/> | |
| FAW | BESTURN-B70-SRS | <input checked="" type="checkbox"/> | |
| | BESTURN-B70-SRS (D70F3623) | <input checked="" type="checkbox"/> | |
| FORD | ECOSPORT-SRS | <input checked="" type="checkbox"/> | |
| | MONDEO (2017) | <input checked="" type="checkbox"/> | |
| | ESCORT-SRS | <input checked="" type="checkbox"/> | |
| HONDA | ACCORD-SRS (SPC56AP54L3) | <input checked="" type="checkbox"/> | |
| | CITY-SRS (MPC5604P) | <input checked="" type="checkbox"/> | |
| | CIVIC (2016) | <input checked="" type="checkbox"/> | |
| | FIT (2015) | <input checked="" type="checkbox"/> | |
| HYUNDAI | SRS (XC2060M) | <input checked="" type="checkbox"/> | |
| | NEW-SANTAFE | <input checked="" type="checkbox"/> | |
| | AVANTE (2017) | <input checked="" type="checkbox"/> | |
| HAWTAI | SANTAFE | <input checked="" type="checkbox"/> | |
| KIA | SRS (XC2060M) | <input checked="" type="checkbox"/> | |
| LANDROVER | DISCOVERY4-SRS | <input checked="" type="checkbox"/> | |
| LUXGEN | S3 (2018) | <input checked="" type="checkbox"/> | |
| OPEL | MAKKA-SRS (2015) | <input checked="" type="checkbox"/> | |
| PEUGEOT | 2008-SRS | <input checked="" type="checkbox"/> | |
| | 301-SRS (D70F3624) | <input checked="" type="checkbox"/> | |
| SAICMOTOR | LOVA-SRS | <input checked="" type="checkbox"/> | |
| VOLKSWAGEN | GOLF7-SRS | <input checked="" type="checkbox"/> | |
| | SRS-VW20 (SPC560P50L3) | <input checked="" type="checkbox"/> | |
| | SRS-VW20LE (SPC560P50L3) | <input checked="" type="checkbox"/> | |
| | SRS-VW51 (MC68HC908AZ60A) | <input checked="" type="checkbox"/> | |

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|--------|-------------------|-------------------------------------|--|
| | SRS-VW52-V1 | <input checked="" type="checkbox"/> | |
| | SRS-VW52-V2 | <input checked="" type="checkbox"/> | |
| | SRS-VW61 | <input checked="" type="checkbox"/> | |
| | VW21 (R7F7010713) | <input checked="" type="checkbox"/> | |
| OTHERS | PRIDE | <input checked="" type="checkbox"/> | |

VVDI PROG

7.6. OTHER

| MFRS | TYPE | SUPPORT | REMARK |
|------|---|---------|-------------|
| AUDI | A4L-LEW-MODULE (2013) | ☑ | |
| | A4L-LWR-MODULE (2010) | ☑ | |
| | A6L-C6-AMP | ☑ | |
| | A6L-C7-EPB-MODULE | ☑ | |
| | A8L-AMB-MODULE (2011) | ☑ | |
| | ESL-HC08GR16-V1 | ☑ | |
| | ESL-HC08GR16-V2 | ☑ | |
| BENZ | FC-OPERATION-UNIT-W221 | ☑ | |
| | A205-CHASSIS | ☑ | |
| | ISM-W221 | ☑ | |
| | ISM (ST10F269) | ☑ | |
| | KG-MODULE-W221 | ☑ | Two Version |
| | LU-W221 | ☑ | |
| | REAR-SAM-W212 | ☑ | |
| | SAM-W221 | ☑ | |
| | W204-FRONT-SAM-MODULE | ☑ | |
| | W221-AIR-CONTROLLER | ☑ | |
| | W221-SEAT-COMPUTER | ☑ | |
| | W221-FRONT-SAM-COMPUTER | ☑ | |
| | S-CLASS-W221-FRONT-SAM | ☑ | |
| | PTS-W221 | ☑ | |
| | TRCM-W221 | ☑ | |
| | CHASSIS-205-POST-SAM-COMPUTER (2014) | ☑ | |
| BMW | 580-SEAT-MODULE | ☑ | |
| | AIRBAG-F-CHASSIS | ☑ | |
| | DKG-MODULE (2008) | ☑ | |
| | FRM-E-SERIES-XEQ384 | ☑ | |
| | FRM-F-SERIES-XET512 | ☑ | |
| | E60-KBM | ☑ | |
| | PDC-MODULE | ☑ | |
| | F-SERIES-SZL-MODULE | ☑ | |
| | X5-LCM | ☑ | |
| | FRM-F-SERIES-XDP512 | ☑ | |
| | FRM-F-SERIES-XEP100 | ☑ | |

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|--------------------|-------------------------------------|-------------------------------------|--|
| BMW | 730-VEHICLE-HEIGHT-CONTROL (2007) | <input checked="" type="checkbox"/> | |
| | 730-TAIL-GATE-CONTROLLER (2007) | <input checked="" type="checkbox"/> | |
| | 730-REVERSING-RADAR-COMPUTER (2007) | <input checked="" type="checkbox"/> | |
| | 5-SERIES-F18-SUNROOF-COMPUTER | <input checked="" type="checkbox"/> | |
| BUICK | GL8-KG-MODULE | <input checked="" type="checkbox"/> | |
| CHANGAN | RAETON-HVAC-MODULE (2013) | <input checked="" type="checkbox"/> | |
| | RAETON-KG-MODULE (2013) | <input checked="" type="checkbox"/> | |
| CHEVROLET | CRUZE-CD-PLAYER | <input checked="" type="checkbox"/> | |
| CITROEN | GEARBOX (29F200BB) | <input checked="" type="checkbox"/> | |
| CHRYSLER | 300C-PDC-MODULE (2007--) | <input checked="" type="checkbox"/> | |
| DONGFENG | FENGGUANG580-KG-MODULE | <input checked="" type="checkbox"/> | |
| FORD | FOCUS-BCM | <input checked="" type="checkbox"/> | |
| | MONDEO-AIR-CONTROLLER (2007) | <input checked="" type="checkbox"/> | |
| | MUSTANG-LEFT-DOOR-WINDER | <input checked="" type="checkbox"/> | |
| FIAT | VIAGGIO (D70F3628) | <input checked="" type="checkbox"/> | |
| GREATWALL | HVAC-MODULE (2015) | <input checked="" type="checkbox"/> | |
| | HAVAL-H9-4WD-MODULE | <input checked="" type="checkbox"/> | |
| | VV7-AIR-CONTROLLER | <input checked="" type="checkbox"/> | |
| HYUNDAI | IX35-ASSY-SMARTKEY-UNIT | <input checked="" type="checkbox"/> | |
| NISSAN | X-TRAIL-PMM | <input checked="" type="checkbox"/> | |
| JEEP | TRUCK-LOCK-MODULE (2014--) | <input checked="" type="checkbox"/> | |
| | CHEROKEE-ELECTRONIC-TAILGATE (2014) | <input checked="" type="checkbox"/> | |
| LANDROVER | ATCM | <input checked="" type="checkbox"/> | |
| | EVOQUE-EPB-MODULE (2013) | <input checked="" type="checkbox"/> | |
| | RFA | <input checked="" type="checkbox"/> | |
| MAZDA | RUIYI-KG-MODULE (2009) | <input checked="" type="checkbox"/> | |
| VOLKSWAGEN | GATEWAY (XC2060M-104) | <input checked="" type="checkbox"/> | |
| | GOLF6-PDC-MODULE | <input checked="" type="checkbox"/> | |
| | MAGOTAN-EPB-MODULE (2013) | <input checked="" type="checkbox"/> | |
| | LEW-MODULE | <input checked="" type="checkbox"/> | |
| | NEW-JETTA-PDB-MODULE | <input checked="" type="checkbox"/> | |
| | NEW-SANTANA-PDB-MODULE | <input checked="" type="checkbox"/> | |
| | PASSATB6-PBCM | <input checked="" type="checkbox"/> | |
| | PASSAT-PDC-MODULE | <input checked="" type="checkbox"/> | |
| | REAR-VIEW-CAMERA (D70F3356) | <input checked="" type="checkbox"/> | |
| WINDOW-MOTOR-OM01N | <input checked="" type="checkbox"/> | | |

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|-----------|--------------------------------|-------------------------------------|----------------|
| | TIGUAN-KG-MODULE | <input checked="" type="checkbox"/> | (MC9S12XET256) |
| | PHAETON-REAR-DOOR-ROCKING | <input checked="" type="checkbox"/> | |
| | TIGUAN-HEADLIGHT-CONTROLLER | <input checked="" type="checkbox"/> | |
| RENAULT | CLIO3-EPS-XC164CS-32F | <input checked="" type="checkbox"/> | |
| | CLIO3-EPS-ST10F269 | <input checked="" type="checkbox"/> | |
| ROVER | RFA | <input checked="" type="checkbox"/> | |
| SACHS | CDC-XC164CS-16F | <input checked="" type="checkbox"/> | |
| SAICMOTOR | MG_GT_ELEC_POWER_UNIT1 (2017) | <input checked="" type="checkbox"/> | |
| | MG_GT_ELEC_POWER_UNIT2 (2017) | <input checked="" type="checkbox"/> | |
| | ROWE-PDC | <input checked="" type="checkbox"/> | |
| | BAOJUN510-TIRE PRESSURE MODULE | <input checked="" type="checkbox"/> | |
| KIA | SORENTO-IPM | <input checked="" type="checkbox"/> | |
| PORSCHE | POWER-AMPLIFIER | <input checked="" type="checkbox"/> | |
| ZHONGHUA | V5-REACHCTRL-POWER | <input checked="" type="checkbox"/> | |
| | V5-ELV | <input checked="" type="checkbox"/> | |