
v4.7.7 (2018-11-28)
* This version DON't need update
firmware
+ Add VVDI PROG USER MUNUAL 4.7.7
version in Doc folder
+ Add M35128(ADAPTER),
M35160WT(ADAPTER) options in
<1-EEPROM&FLASH>-><ST>
(Need M35160WT ADAPTER)
+ Add MB89F538,
MB89F538L,
MB89F499,
MB91F211,
MB91F213,
MB95F108B,
MB95F166,
MB95F108AM,
MB95F118M,
MB95F118B,
MB95F128,
MB95F128MB,
MB95F168MA,
MB95F156M,
MB95F136MB,
MB95F116MA options in
<2-MCU>-><FUJITSU-MB9XF>
+ Add BENBEN-EV(2018) option in
<5-DASHBOARD>-><CHANGAN>
+ Add FENGGUANG-330(2015) option
in <5-DASHBOARD>-><DONGFENG>
+ Add CRUZE(2012) option in
<7-AIRBAG>-><CHEVROLET>
+ Add 5-SERIES-F18-SUNROOF-COMPUTER
option in <8-OTHER><BMW>
+ Add PHAETON-REAR-DOOR-ROCKING
option in <8-OTHER><VOLKSWAGEN>

v4.7.6 (2018-10-31)
* This version DON't need update
firmware
* Fix V850 SERIES D70F3558 CHIP
READ ERROR bugs
+ Add VVDI PROG USER MUNUAL 4.7.6
version in Doc folder
+ MB90F352E,
MB90F352ES,
MB90F352TE,
MB90F352TES,
MB90F352A,
MB90F352AS,
MB90F352TA,
MB90F352TAS,
MB90F357E,
MB90F357ES,
MB90F357TE,
MB90F357TES,
MB90F352,

MB90F352B,
MB90F352S,
MB90F352BS options in
<2-MCU>-><FUJITSU-MB9XF>
+ Add CX70(2017) option in
<5-DASHBOARD>-><CHANGAN>
+ Add FORTUNER(2018) option in
<5-DASHBOARD>-><TOYOTA>
+ Add BAOJUN510-TIRE PRESSURE MODULE
option in<8-OTHER>-><SAICMOTOR>

v4.7.5 (2018-09-27)
* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.7.5
version in Doc folder
+ 93LC46,
RA57,
RA66,
RA76,
RH86,
RL56 options in
<1-EEPROM&FLASH>-><*OTHER>
+ Add NEW-BENBEN-BODY-COMPUTE(2015)
option in <4-IMMOBILIZER>->
<CHANGAN>
+ Add DAMAI-X5-BODY-COMPUTER(2015)
option in<4-IMMOBILIZER>-><ZOTYE>
+ Add NEW-BENBEN(2015) option in
<5-DASHBOARD>-><CHANGAN>
+ Add BAOJUN(2017) option in
<5-DASHBOARD>-><SAICMOTOR>
+ Add CHASSIS-205-POST-SAM-COMPUTER
(2014) option in<8-OTHER>-><BENZ>
+ Add 730-VEHICLE-HEIGHT-CONTROL
(2007) option in<8-OTHER>-><BMW>
+ Add 730-TAIL-GATE-CONTROLLER
(2007) option in<8-OTHER>-><BMW>
+ Add 730-REVERSING-RADAR-COMPUTER
(2007) option in<8-OTHER>-><BMW>
+ Add CHEROKEE-ELECTRONIC-TAILGATE
(2014) option in<8-OTHER>-><JEEP>
+ Add V5-REACHCTRL-POWER option
in<8-OTHER>-><ZHONGHUA>
+ Add V5-ELV option
in<8-OTHER>-><ZHONGHUA>
+ Add CAYENNE-PA-MODULE(OM05M)
option in<8-OTHER>-><PORSCH>

v4.7.4 (2018-08-27)
* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.7.4
version in Doc folder

+ Add MX25L512E,
MX25L1005,
MX25L1025,
MX25L1006,
MX25L1026,
MX25L2005,
MX25L2006,
MX25L2025,
MX25L2026,
MX25L4005,
MX25L4006,
MX25L4025,
MX25L4026,
MX25L4033,
MX25L4035,
MX25L8005,
MX25L8006,
MX25L8025,
MX25L8032,
MX25L8035,
MX25L8036,
MX25L8073,
MX25L1602,
MX25L1605,
MX25L1606,
MX25L1608,
MX25L1633,
MX25L1635,
MX25L1636,
MX25L1655,
MX25L1673,
MX25L3205,
MX25L3206,
MX25L3208,
MX25L3225,
MX25L3235,
MX25L3236,
MX25L3239,
MX25L3255,
MX25L3273,
MX25L6405,
MX25L6406,
MX25L6408,
MX25L6435,
MX25L6436,
MX25L6445,
MX25L6446,
MX25L6455,
MX25L6465,
MX25L6473,
MX25L12805,
MX25L12833,
MX25L12835,
MX25L12836,
MX25L12845,
MX25L12865,
MX25L12873 options in
<1-EEPROM&FLASH>-><MXIC>

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+ Add MX25L1025 (CLIP) ,
  MX25L512E (CLIP) ,
  MX25L1005 (CLIP) ,
  MX25L1006 (CLIP) ,
  MX25L1026 (CLIP) ,
  MX25L2005 (CLIP) ,
  MX25L2006 (CLIP) ,
  MX25L2025 (CLIP) ,
  MX25L2026 (CLIP) ,
  MX25L4005 (CLIP) ,
  MX25L4006 (CLIP) ,
  MX25L4025 (CLIP) ,
  MX25L4026 (CLIP) ,
  MX25L4033 (CLIP) ,
  MX25L4035 (CLIP) ,
  MX25L8005 (CLIP) ,
  MX25L8006 (CLIP) ,
  MX25L8008 (CLIP) ,
  MX25L8025 (CLIP) ,
  MX25L8032 (CLIP) ,
  MX25L8035 (CLIP) ,
  MX25L8036 (CLIP) ,
  MX25L8073 (CLIP) ,
  MX25L1602 (CLIP) ,
  MX25L1605 (CLIP) ,
  MX25L1606 (CLIP) ,
  MX25L1608 (CLIP) ,
  MX25L1633 (CLIP) ,
  MX25L1635 (CLIP) ,
  MX25L1636 (CLIP) ,
  MX25L1655 (CLIP) ,
  MX25L1673 (CLIP) ,
  MX25L3205 (CLIP) ,
  MX25L3206 (CLIP) ,
  MX25L3208 (CLIP) ,
  MX25L3225 (CLIP) ,
  MX25L3236 (CLIP) ,
  MX25L3239 (CLIP) ,
  MX25L3255 (CLIP) ,
  MX25L3273 (CLIP) ,
  MX25L6405 (CLIP) ,
  MX25L6406 (CLIP) ,
  MX25L6408 (CLIP) ,
  MX25L6435 (CLIP) ,
  MX25L6436 (CLIP) ,
  MX25L6445 (CLIP) ,
  MX25L6446 (CLIP) ,
  MX25L6455 (CLIP) ,
  MX25L6465 (CLIP) ,
  MX25L6473 (CLIP) ,
  MX25L12805 (CLIP) ,
  MX25L12833 (CLIP) ,
  MX25L12835 (CLIP) ,
  MX25L12836 (CLIP) ,
  MX25L12845 (CLIP) ,
  MX25L12865 (CLIP) ,
  MX25L12873 (CLIP) options in
  <1-EEPROM&FLASH>-><MXIC (CLIP)>
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(Need EEPROM CLIP ADAPTER)
+ Add W25P10,
  W25P20,
  W25P16,
  W25P32,
  W25P40,
  W25P64,
  W25P80,
  W25Q10,
  W25Q16,
  W25Q20,
  W25Q32,
  W25Q40,
  W25Q64,
  W25Q80,
  W25X10,
  W25X16,
  W25X20,
  W25X32,
  W25X40,
  W25X64,
  W25X80,
  W25P128,
  W25Q128,
  W25X128 options in
  <1-EEPROM&FLASH>-><WINBOND>
+ Add W25P10 (CLIP) ,
  W25P16 (CLIP) ,
  W25P20 (CLIP) ,
  W25P32 (CLIP) ,
  W25P40 (CLIP) ,
  W25P64 (CLIP) ,
  W25P80 (CLIP) ,
  W25Q10 (CLIP) ,
  W25Q16 (CLIP) ,
  W25Q20 (CLIP) ,
  W25Q32 (CLIP) ,
  W25Q40 (CLIP) ,
  W25Q64 (CLIP) ,
  W25Q80 (CLIP) ,
  W25X10 (CLIP) ,
  W25X16 (CLIP) ,
  W25X20 (CLIP) ,
  W25X32 (CLIP) ,
  W25X40 (CLIP) ,
  W25X64 (CLIP) ,
  W25X80 (CLIP) ,
  W25P128 (CLIP) ,
  W25Q128 (CLIP) ,
  W25X128 (CLIP) options in
  <1-EEPROM&FLASH>-><WINBOND (CLIP)>
  (Need EEPROM CLIP ADAPTER)
+ Add XC886CM-8FFI-5V,
  XC886-6FFI-5V,
  XC886-8FFI-5V,
  XC886C-6FFI-3.3V,
  XC886C-6FFI-5V,
  XC886C-8FFI-5V,

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XC886CM-6FFI-5V,
 XC886LM-6FFI-3.3V,
 XC886LM-6FFI-5V,
 XC888-6FFI-5V,
 XC888-8FFI-5V,
 XC888C-8FFI-5V,
 XC888CLM-8FFI-5V,
 XC888CM-8FFI-5V,
 XC888LM-8FFI-5V,
 XC888CM-8FFI-3.3V,
 XC888LM-8FFI-3.3V,
 XC878CM-16FFI-5V,
 XC878M-13FFI-3.3V,
 XC878M-13FFI-5V,
 XC878M-16FFI-3.3V,
 XC878M-16FFI-5V,
 XC878-13FFI-3.3V,
 XC878-13FFI-5V,
 XC878-16FFI-5V,
 XC878CM-13FFI-5V,
 XC878CM-16FFI-3.3V,
 XC858CA-16FFI-5V,
 XC858CA-13FFI-5V options in
 <2-MCU>-><INFINEON-XC8XXXX>
 + Add ALSVIN(2012) option in
 <4-IMMOBILIZER>-><CHANGAN>
 + Add AUNEAU-DELPHI-48 option in
 <4-IMMOBILIZER>-><CHANGAN>
 + Add VERNA(2017) option in
 <5-DASHBOARD>-><HYUNDAI>
 + Add K5(2015) option in
 <5-DASHBOARD>-><KIA>
 + Add S50(2018) option in
 <5-DASHBOARD>-><BAICMOTOR>
 + Add SANTAFE option in
 <7-AIRBAG>-><HAWTAI>
 + Add AVANTE(2017) option in
 <7-AIRBAG>-><HUNDAI>
 + Add VV7-AIR-CONTROLLER option
 in <8-OTHER>-><GREATWALL>
 + Add MUSTANG-LEFT-DOOR-WINDER
 option in <8-OTHER>-><FORD>
 + Add ROEWE-PDC option in
 <8-OTHER>-><SAICMOTOR>
 + Add TIGUAN-HEADLIGHT-CONTROLLER
 option in <8-OTHER>-><VOLKSWAGEN>

 v4.7.3 (2018-07-27)
 * This version DON't need update
 firmware
 * Fix some bugs
 + Add VVDI PROG USER MUNUAL 4.7.3
 version in Doc folder
 + Add CAT1021,
 CAT1022,
 CAT1023,
 CAT1024,
 CAT1025 options in

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    <1-EEPROM&FLASH>-><CATALYST>
+ Add CAT1021 (CLIP) ,
    CAT1022 (CLIP) ,
    CAT1023 (CLIP) ,
    CAT1024 (CLIP) ,
    CAT1025 (CLIP) options in
    <1-EEPROM&FLASH>-><CATALYST (CLIP)>
+ Add M25P10,
    M25P16,
    M25P20,
    M25P32,
    M25P40,
    M25P64,
    M25P128,
    M25P80 options in
    <1-EEPROM&FLASH>-><ST>
+ Add MC9S12ZVH64,
    MC9S12ZVH128,
    MC9S12ZVHL32,
    MC9S12ZVHL64,
    MC9S12ZVL8,
    MC9S12ZVL16,
    MC9S12ZVL32,
    MC9S12ZVL64,
    MC9S12ZVL96,
    MC9S12ZVL128,
    MC9S12ZVLA64,
    MC9S12ZVLA96,
    MC9S12ZVL128,
    MC9S12ZVLS16,
    MC9S12ZVLS32,
    MC9S12ZVM16,
    MC9S12ZVM32,
    MC9S12ZVMA16,
    MC9S12ZVMA32,
    MC9S12ZVMAL16,
    MC9S12ZVMAL32,
    MC9S12ZVMB48,
    MC9S12ZVMB64,
    MC9S12ZVMBA48,
    MC9S12ZVMBA64,
    MC9S12ZVMC64,
    MC9S12ZVMC128,
    MC9S12ZVMC256,
    MC9S12ZVML31,
    MC9S12ZVML32,
    MC9S12ZVML64,
    MC9S12ZVML128,
    MC9S12ZVFP64,
    MC9S12ZVC64,
    MC9S12ZVC96,
    MC9S12ZVC128,
    MC9S12ZVC192,
    MC9S12ZVCA64,
    MC9S12ZVCA96 options in
    <2-MCU>-><MOTOROLA-MC9S12>
+ Add EC820-BCM option in
    <4-IMMOBILIZER>-><GEELY>

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- + Add FENGJUN-6 option in
<5-DASHBOARD>-><GREATWALL>
- + Add VW21(R7F7010713) option in
<7-AIRBAG>-><VOLKSWAGEN>
- + Add W204-FRONT-SAM-MODULE option in
<8-OTHER>-><BENZ>
- + Add W221-AIR-CONTROLLER option in
<8-OTHER>-><BENZ>
- + Add W221-SEAT-COMPUTER option in
<8-OTHER>-><BENZ>
- + Add W221-FRONT-SAM-COMPUTER option in
<8-OTHER>-><BENZ>
- + Add AIRBAG-F-CHASSIS option in
<8-OTHER>-><BWM>
- + Add GATEWAY(XC2060M-104) option in
<8-OTHER>-><VOLKSWAGEN>

v4.7.2 (2018-06-28)

- * This version DON't need update
firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.7.2
version in Doc folder
- + Add M29F200TXXMXX,
M29F200BXXMXX,
M29F200BXXNXX,
M29F200TXXNXX,
M29F400BBXXMXX,
M29F400BBXXNXX,
M29F400BTXXMXX,
M29F400BTXXNXX,
M29F800DBXXMXX,
M29F800DBXXNXX,
M29F800DTXXMXX,
M29F800DTXXNXX options in
<1-EEPROM&FLASH>-><ST>
- + Add MAC7242VAF64,
MAC7241VAF64 options in
<2-MCU>-><FREESCALE-MAC7XXX>
- + Add PIC18F6390
PIC18F6310,
PIC18F8393,
PIC18F8390,
PIC18F6393,
PIC18F8310,
PIC18F6410,
PIC18F8410,
PIC18F6490,
PIC18F6493,
PIC18F8490,
PIC18F8493,
PIC18F6527,
PIC18F6622,
PIC18F6627,
PIC18F6628,
PIC18F6722,
PIC18F6723,
PIC18F8527,

PIC18F8622,
PIC18F8627,
PIC18F8628,
PIC18F8722,
PIC18F8723,
PIC18F63J11,
PIC18F63J90,
PIC18F83J90,
PIC18F83J11,
PIC18F65J10,
PIC18F65J11,
PIC18F65J50,
PIC18F65J90,
PIC18F85J10,
PIC18F85J11,
PIC18F85J50,
PIC18F85J90,
PIC18F65J15,
PIC18F85J15,
PIC18F66J10,
PIC18F66J11,
PIC18F66J50,
PIC18F66J90,
PIC18F66J93,
PIC18F86J10,
PIC18F86J11,
PIC18F86J50,
PIC18F86J72,
PIC18F86J90,
PIC18F86J93,
PIC18F64J11,
PIC18F64J90,
PIC18F84J11,
PIC18F84J90,
PIC18F67J10,
PIC18F67J11,
PIC18F67J50,
PIC18F67J90,
PIC18F87J11,
PIC18F87J10,
PIC18F87J50,
PIC18F87J72,
PIC18F87J90,
PIC18F87J93,
PIC18F66J15,
PIC18F66J16,
PIC18F66J55,
PIC18F86J15,
PIC18F86J16,
PIC18F86J15 options in
<2-MCU>-><MICROCHIP-PIC18F>
+ Add R7F701A233 options in
<2-MCU>-><RENESAS-RH850>
+ Add BCM(MPC5607B) option in
<4-IMMOBILIZER>-><AUDI>
+ Add BAOJUN-730(2017) option in
<5-DASHBOARD>-><SAICMOTOR>
+ Add CAVALIER(2018) option in

<7-AIRBAG>-><CAVALIER(2018)>
+ Add C200-205-CHASSIS-CHAIR-MODULE(2015) option in
<8-OTHER>-><BENZ>
+ Add C200-W205-FRONT-SAM-COMPUTER(2014) option in
<8-OTHER>-><BENZ>
+ Add W221-FRONT-GATEWAY-CONTROLLE option in
<8-OTHER>-><BENZ>
+ Add F-CHASSIS-FUEL-PUMP option in
<8-OTHER>-><BMW>
+ Add X5-E70-TAIL-DOOR option in
<8-OTHER>-><BMW>
+ Add STEERING-LOCK(STM8AF6266) option
in <8-OTHER>-><HYUNDAI>
+ Add PHEATON-J255(2011) option in
<8-OTHER>-><VOLKSWAGEN>

v4.7.1 (2018-05-29)

* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.7.1
version in Doc folder
+ Add PIC12F508,
PIC12F509,
PIC12F510,
PIC12F519,
PIC12F609,
PIC12HV609,
PIC12HV615,
PIC12F615,
PIC12F617,
PIC12F1571,
PIC12(L)F1571,
PIC12(L)F1572,
PIC12F1572,
PIC12F1612,
PIC12F1822,
PIC12F1840,
PIC12F752 options in
<2-MCU>-><MICROSHIP-PIC12F>
+ Add PIC16F505,
PIC16(L)F1823,
PIC16(L)F1824,
PIC16(L)F1825,
PIC16(L)F1826,
PIC16(L)F1827,
PIC16(L)F1828,
PIC16(L)F1829,
PIC16(L)F1847,
PIC16(L)F1613,
PIC16(L)F1614,
PIC16(L)F1615,
PIC16(L)F1618,
PIC16(L)F1619,
PIC16(L)F1508,

PIC16(L) F1509,
PIC16(L) F1503,
PIC16(L) F1507,
PIC16F610,
PIC16F616,
PIC16HV610,
PIC16HV616,
PIC16(L) F1512,
PIC16(L) F1513,
PIC16(L) F1516,
PIC16(L) F1517,
PIC16(L) F1518,
PIC16(L) F1519,
PIC16(L) F1526,
PIC16(L) F1527,
PIC16(L) F1713,
PIC16(L) F1716,
PIC16(L) F1717,
PIC16(L) F1718,
PIC16(L) F1719,
PIC16(L) F1703,
PIC16(L) F1704,
PIC16(L) F1705,
PIC16(L) F1707,
PIC16(L) F1708,
PIC16(L) F1709,
PIC16(L) F18313,
PIC16(L) F18323,
PIC16(L) F18324,
PIC16(L) F18344,
PIC16(L) F17325,
PIC16(L) F17345,
PIC16(L) F18326,
PIC16(L) F18346,
PIC16F72,
PIC16F54,
PIC16(L) F1946,
PIC16(L) F1936,
PIC16(L) F1937,
PIC16(L) F1933,
PIC16(L) F1934,
PIC16(L) F1938,
PIC16(L) F1939,
PIC16(L) F1947,
PIC16LF1906,
PIC16LF1907,
PIC16LF1903,
PIC16LF1904,
PIC16LF1902,
PIC16F707,
PIC16(L) F1454,
PIC16(L) F1455,
PIC16(L) F1459,
PIC16(L) F1554,
PIC16(L) F1559,
PIC16(L) F1566,
PIC16(L) F1567,
PIC16F506 options in

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<2-MCU>-><MICROSHIP-PIC16F>  
+ Add PIC18F252,  
  PIC18F242,  
  PIC18F442,  
  PIC18F452,  
  PIC18F248,  
  PIC18F258,  
  PIC18F448,  
  PIC18F458,  
  PIC18F1220,  
  PIC18F2220,  
  PIC18F4220,  
  PIC18F1320,  
  PIC18F2320,  
  PIC18F4320,  
  PIC18F1230,  
  PIC18F1330,  
  PIC18F2221,  
  PIC18F4221,  
  PIC18F4321,  
  PIC18F2321,  
  PIC18F2331,  
  PIC18F4331,  
  PIC18F2431,  
  PIC18F4431,  
  PIC18F2423,  
  PIC18F4423,  
  PIC18F2523,  
  PIC18F4523,  
  PIC18F23K20,  
  PIC18F43K20,  
  PIC18F24K20,  
  PIC18F44K20,  
  PIC18F25K20,  
  PIC18F45K20,  
  PIC18F26K20,  
  PIC18F46K20,  
  PIC18F13K22,  
  PIC18F14K22,  
  PIC18F2480,  
  PIC18F4480,  
  PIC18F2580,  
  PIC18F4580,  
  PIC18F2455,  
  PIC18F4455,  
  PIC18F2550,  
  PIC18F4550,  
  PIC18F2525,  
  PIC18F4525,  
  PIC18F2620,  
  PIC18F4620 options in  
<2-MCU>-><MICROSHIP-PIC18F>  
+ Add R5F64219,  
  R5F6421D,  
  R5F64216,  
  R5F6421A,  
  R5F64217,  
  R5F6421B,
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R5F64218,
R5F6421C,
R5F64207,
R5F6420B,
R5F64206,
R5F6420A,
R5F64110,
R5F64114,
R5F64111,
R5F64115,
R5F64112,
R5F64116,
R5F64165,
R5F64166,
R5F64167,
R5F64168,
R5F64169,
R5F6417A,
R5F6417B,
R5F64175,
R5F64185,
R5F64176,
R5F64186,
R5F64177,
R5F64187,
R5F64178,
R5F64188,
R5F64179,
R5F64189,
R5F64116J,
R5F64117J,
R5F64118J,
R5F64116K,
R5F64117K,
R5F64118K,
R5F64116L,
R5F64117L,
R5F64118L,
R5F64116M,
R5F64117M,
R5F64118M,
R5F6442F,
R5F6445F,
R5F6442H,
R5F6445H options in
<2-MCU>-><RENESAS-R32C>
+ Add CS35(2017) option in
<7-AIRBAG>-><CHANGAN>
+ Add FIT(2015) option in
<7-AIRBAG>-><HONDA>
+ Add S3(2018) option in
<7-AIRBAG>-><LUXGEN>
+ Add NEW-SANTAFE option in
<7-AIRBAG>-><HYUNDAI>
+ Add FRM-F-SERIES-XDP512 option in
<8-OTHER>-><BMW>
+ Add FRM-F-SERIES-XEP100 option in
<8-OTHER>-><BMW>

- + Add MG_GT_ELEC_POWER_UNIT1(2017) option in
<8-OTHER>-><SAICMOTOR>
- + Add MG_GT_ELEC_POWER_UNIT2(2017) option in
<8-OTHER>-><SAICMOTOR>

v4.7.0 (2018-04-27)

- * This version DON't need update
firmware

- * Fix some bugs

- + Add VVDI PROG USER MUNUAL 4.7.0
version in Doc folder

- + Add MSP430F1222,
MSP430F1122,
MSP430F1132,
MSP430F133,
MSP430F135,
MSP430F147,
MSP430F1471,
MSP430F148,
MSP430F1481,
MSP430F149,
MSP430F1491,
MSP430F155,
MSP430F156,
MSP430F157,
MSP430F167,
MSP430F168,
MSP430F169,
MSP430F1610,
MSP430F1611,
MSP430F1612,
MSP430F233,
MSP430F235,
MSP430F249,
MSP430F2491,
MSP430F247,
MSP430F2471,
MSP430F248,
MSP430F2481,
MSP430F2410,
MSP430F435,
MSP430F4351,
MSP430F436,
MSP430F4361,
MSP430F437,
MSP430F4371,
MSP430F447,
MSP430F448,
MSP430F4481,
MSP430F449,
MSP430F4491 options in
<2-MCU>-><TI-MSP430>

- + Add R7F701542,
R7F701543,
R7F701544,
R7F701545,
R7F701546,
R7F701547,

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R7F701548,
R7F701549,
R7F701552,
R7F701553,
R7F701557,
R7F701560,
R7F701561,
R7F701562,
R7F701563,
R7F701564,
R7F701565,
R7F701566,
R7F701567,
R7F701568,
R7F701569,
R7F701572,
R7F701573,
R7F701577,
R7F701580,
R7F701581,
R7F701582,
R7F701583,
R7F701586,
R7F701587,
R7F701589,
R7F701597,
R7F701602,
R7F701603,
R7F701610,
R7F701611,
R7F701612,
R7F701613,
R7F701620,
R7F701621,
R7F701622,
R7F701623  options in
<2-MCU>-><RENESAS-RH850>
+ Add CS75-BODY-COMPUTER option in
  <4-IMMOBILIZER>-><CHANGAN>
+ Add IMMO(MSP430F1232) option in
  <4-IMMOBILIZER>-><SSANGYONG>
+ Add EULOVE(2014) option in
  <5-DASHBOARD>-><CHANGAN>
+ Add GOD-ANGEL(2015) option in
  <5-DASHBOARD>-><CHANGAN>
+ Add NU-NING(STM8S105C) option in
  <5-DASHBOARD>-><FOTON>
+ Add AB12CL(R7F701A033) option in
  <7-AIRBAG>-><BOSCH>
+ Add A205-CHASSIS option in
  <8-OTHER>-><BENZ>
+ Add VIAGGIO(D70F3628) option in
  <8-OTHER>-><FIAT>
+ Add POWER-AMPLIFIER option in
  <8-OTHER>-><PORSCHE>

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v4.6.9                (2018-03-27)

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* This version DON't need update

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firmware

- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.6.9
version in Doc folder
- + Add MC9S12VR16,
MC9S12VR32,
MC9S12VR48,
MC9S12VR64 options in
<2-MCU>-><MOTOROLA-MC9S12>
- + Add R7F701002,
R7F701003,
R7F701006,
R7F701007,
R7F701008,
R7F701009,
R7F701010,
R7F701011,
R7F701012,
R7F701013,
R7F701014,
R7F701015,
R7F701016,
R7F701017,
R7F701018,
R7F701019,
R7F701020,
R7F701021,
R7F701023,
R7F701024,
R7F701025,
R7F701022,
R7F701026,
R7F701027,
R7F701028,
R7F701029,
R7F701030,
R7F701033,
R7F701034,
R7F701041,
R7F701040,
R7F701042,
R7F701043,
R7F701044,
R7F701045,
R7F701046,
R7F701047,
R7F701048,
R7F701049,
R7F701050,
R7F701051,
R7F701052,
R7F701053,
R7F701054,
R7F701055,
R7F701056,
R7F701057,
R7F701401,
R7F701A03,

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R7F701402,
R7F701403,
R7F701404,
R7F701405,
R7F701406,
R7F701407,
R7F701408,
R7F701410,
R7F701411,
R7F701412,
R7F701422,
R7F701423,
R7F701428,
R7F701430,
R7F701431,
R7F701432 options in
<2-MCU>-><RENESAS-RH850>
+ Add MOTORCYCLE(2016) option in
<4-IMMOBILIZER>-><BMW>
+ Add MG-GS-BCM(2017) option in
<4-IMMOBILIZER>-><SAICMOTOR>
+ Add KVM option in
<4-IMMOBILIZER>-><VOLVO>
+ Add ALSVIN-V5(2014) option in
<5-DASHBOARD>-><CHANGAN>
+ Add CHANGAN-STAR-3(2016) option in
<5-DASHBOARD>-><CHANGAN>
+ Add LANDWIND-X7 option in
<5-DASHBOARD>-><JMC>
+ Add WULINGHONGGUANG-S option in
<5-DASHBOARD>-><SAICMOTOR>

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v4.6.8 (2018-02-27)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.6.8
  version in Doc folder
+ Add AM29BDD160GBXXE,
  S29CD016GXXF01,
  S29CD032GXXF01 options in
  <1-EEPROM&FLASH>-><AMD>
  (Need PQFP80_FLASH ADPATER)
+ Add M58BW016DBXXT,
  M58BW016DTXXT,
  M58BW016FTXXT,
  M58BW016FBXXT options in
  <1-EEPROM&FLASH>-><ST>
  (Need PQFP80_FLASH ADPATER)
+ Add MB90F342,
  MB90F342A,
  MB90F342AS,
  MB90F342CA,
  MB90F342CAS,
  MB90F342CE,
  MB90F342CES,
  MB90F342E,
  MB90F342ES,

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MB90F345A,
MB90F345AS,
MB90F345CA,
MB90F345CAS,
MB90F345CE,
MB90F345CES,
MB90F345E,
MB90F345ES,
MB90F346A,
MB90F346AS,
MB90F346CA,
MB90F346CAS,
MB90F346CE,
MB90F346CES,
MB90F346E,
MB90F346ES,
MB90F347A,
MB90F347AS,
MB90F347CA,
MB90F347CAS,
MB90F347CE,
MB90F347CES,
MB90F347E,
MB90F347ES,
MB90F349A,
MB90F349AS,
MB90F349CA,
MB90F349CAS,
MB90F349CE,
MB90F349CES,
MB90F349E,
MB90F349ES,
MB90F387,
MB90F387S,
MB90F423GA,
MB90F423GB,
MB90F423GC,
MB90F428GA,
MB90F428GB,
MB90F428GC,
MB90F438L,
MB90F439,
MB90F439S,
MB90F455,
MB90F455S,
MB90F456,
MB90F456S,
MB90F457,
MB90F457S,
MB90F462,
MB90F497,
MB90F497G,
MB90F498G,
MB90F523B,
MB90F543,
MB90F543G,
MB90F543GS,
MB90F546G,

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MB90F546GS,
MB90F548G,
MB90F549,
MB90F549G,
MB90F553A,
MB90F594A,
MB90F654A,
MB90F867A,
MB90F867AS,
MB90F867E,
MB90F867ES,
MB96F348A,
MB96F348T,
MB96F348H,
MB96F348C,
MB96F348Y,
MB96F348R,
MB96F385,
MB96F386,
MB96F387,
MB96F673,
MB96F675,
MB96F683,
MB96F685,
MB96F693,
MB96F695,
MB96F696,
MB96F6A5,
MB96F6A6 options in
<2-MCU>-><FUJITSU-MB91F>
+ Add PANDA_BSI_1L40K option in
<4-IMMOBILIZER>-><FIAT>
+ Add RAYCH(2011) option in
<5-DASHBOARD>-><SUZUKI>
+ Add SRS(XC2060M) option in
<7-AIRBAG>-><KIA>
+ Add SRS(XC2060M) option in
<7-AIRBAG>-><HYUNDAI>
+ Add WINDOW-MOTOR-0M01N option in
<8-OTHER>-><VOLKSWAGEN>
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v4.6.7 (2018-01-27)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.6.7
  version in Doc folder
* ESW3 change Read/Write mode
+ Add 25LC010,
  25LC020,
  25LC040,
  25LC080,
  25LC160,
  25LC320,
  25LC640,
  25LC128,
  25LC256,
  25LC512 options in

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    <1-EEPROM&FLASH>-><MICROCHIP>
+ Add TC97010 (CLIP) option in
    <1-EEPROM&FLASH>-><TOSHIBA (CLIP)>
+ Add MB91F060,
    MB91F062,
    MB91F067,
    MB91F575,
    MB91F577,
    MB91F578C,
    MB91F579C,
    MB91F591B,
    MB91F592B,
    MB91F594B,
    MB91F596B,
    MB91F597B,
    MB91F599B,
    MB91F59AC,
    MB91F59BC options in
    <2-MCU>-><FYJITSU-MB91F>
+ Add MC68HC05E6 option in
    <2-MCU>-><MOTOROLA-MC68HC (7) 05>
+ Add W203 (AM29F400BB) option
    in <3-ECU>-><BENZ>
+ Add ME7 option
    in <3-ECU>-><BOSCH>
+ Add IAW 4AC.A4 option
    in <3-ECU>-><MAGNETI-MARELLI>
+ Add EIS-W203-1J35D (ADAPTER),
    EIS-W203-1J74Y (ADAPTER),
    EIS-W203-2J74Y (ADAPTER),
    EIS-W203-3J74Y (ADAPTER),
    EIS-W203-4J74Y (ADAPTER),
    EIZ-W209-HC12 (ADAPTER),
    EIZ-W211-HC12 (ADAPTER),
    EIZ-W209-ST12 (ADAPTER),
    EIZ-W211-ST12 (ADAPTER),
    EIZ-W215-ST12 (ADAPTER),
    EIZ-W220-ST12 (ADAPTER),
    EIZ-W230-ST12 (ADAPTER),
    EIZ-W164-ST12 (ADAPTER),
    EIZ-W169-V1-ST12 (ADAPTER),
    EIZ_VITO_ST12 (ADAPTER),
    EIZ_SPRINTER (ADAPTER),
    EIS-W639-0L02M (ADAPTER),
    EIS-W639-1L02M (ADAPTER),
    EIS-W639-3K85K (ADAPTER),
    EIS-W639-1J35D (ADAPTER),
    EIS-W639-4J74Y (ADAPTER),
    HC05E6_REMOTE (0F82B) options
    in <4-IMMOBILIZER>-><BENZ>
+ Add EWS3-KLINE (0D46J)_READ,
    EWS3-KLINE (0D46J)_WRITE options
    in <4-IMMOBILIZER>-><BMW>
+ Add EPICA_BCM (--2009),
    SAIL_IMMOBOX (--2009) option
    in <4-IMMOBILIZER>-><CHEVROLET>
    (Support read PASSWORD)
+ Add IX35 (2015) (MC9S12XD256)

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option in
<4-IMMOBILIZER>-><HYUNDAI>
+ Add OPEL_IMMOBOX(--2009) option
in <4-IMMOBILIZER>-><OPEL>
(Support read PASSWORD)
+ Add JETTA_IMMOBOX(--2008) option
in <4-IMMOBILIZER>-><VOLKSWAGEN>
(Support read PASSWORD)
+ LINGZHI_M5(2016)(MC9S12HY64) option
in <5-DASHBOARD>-><DONGFENG>
+ LAVIDA_DASHBOARD(D79F3422) option
in <5-DASHBOARD>-><VOLKSWAGEN>
+ VERNA(D70F3421) option
in <5-DASHBOARD>-><HYUNDAI>
+ TIGGO5(MB91F594BS) option
in <5-DASHBOARD>-><CHERY>
+ PRIDE option
in <7-AIRBAG>-><OTHERS>

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v4.6.6 (2017-12-31)
* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.6.6
version in Doc folder
* Fix MC9S12XS series write error
problem
* Fix EWS3 ADAPTER R&W error problem
* Fix SPC56AP series write error
problem
* Fix D70F3356 write error problem
* Upgrade MB91F061 option, support
R&W PFLASH
+ Add TMS370C002A,
TMS370C010A,
TMS370C012A,
(Need TMS370(PLCC28) ADPATER)
TMS370C020A,
TMS370C022A,
TMS370C032A,
TMS370C040A,
TMS370C042A,
(Need TMS370(PLCC44) ADPATER)
TMS370C050A,
TMS370C052A,
TMS370C056A,
TMS370C058A,
TMS370C256A
(Need TMS370(PLCC68) ADPATER)
options in
<2-MCU>-><TI-TMS370>
+ SENOVA-D50-BCM option
in <4-IMMOBILIZER>-><BAICMOTOR>
+ Add REGAL-KG-MODULE(2014) option
in <4-IMMOBILIZER>-><BUICK>
+ Add MEGANE-UCH option
in <4-IMMOBILIZER>-><RENAULT>

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- + Add MG-GT-DASHBOARD(2014) option
in <5-DASHBORAD>-><SAICMOTOR>
- + Add PTS-W221,
TRCM-W221 options
in <8-OTHER>-><BENZ>
- + Add X5-LCM option
in <8-OTHER>-><BMW>

v4.6.5 (2017-11-27)

- * This version DON't need update
firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.6.5
version in Doc folder
- + Update V850 D-Flash format
conversion tool, support insert
with original 64KB file
- * Fix EEPROM CLIP ADAPTER R&W
some chips error problem
- * Fix EWS3 ADAPTER sometimes
insertion check error problem
- * Fix 35080/D80 ADAPTER erase
some 35080VP first 32 Bytes
failed problem
- + Add MC68HC05B32(0D60J),
MC68HC05B32(3G96A),
MC68HC705B16(1K20C)
options in
<2-MCU>-><MOTOROLA-MC68HC(7)05>
(Need MC68HC05BX ADAPTER)
- + Add MC68HC05X32(0D69J),
MC68HC05X32(1D69J),
MC68HC05X32(1H52A),
MC68HC705X32(0G47V)
options in
<2-MCU>-><MOTOROLA-MC68HC(7)05>
(Need MC68HC05X32 ADAPTER)
- + Add MC68HC05E6(0F82B) option in
<2-MCU>-><MOTOROLA-MC68HC(7)05>
- + Add EMS6104(AM29F400BB),
SIMTEC76(29F400BB) options
in <3-ECU>-><SIEMENS>
- + Add SIMOS9.4(AM29F400BB) option
in <3-ECU>-><VOLKSWAGEN>
- + Add IRAN(2014-2017)(29F400BB)
option in <3-ECU>-><OTHERS>
- + Add BJ40-BCM(2016),
E150-BCM,
HUANSU-S3-BCM options
in <4-IMMOBILIZER>-><BAICMOTOR>
- + Add SPRINTER-IMMOBOX(2002-2005)
option
in <4-IMMOBILIZER>-><BENZ>
- + Add BESTURN-B70-BCM(MC9S12XEG128)
option
in <4-IMMOBILIZER>-><FAW>
- + Add BSI option
in <4-IMMOBILIZER>-><FIAT>

- + Add ELANTRA-KG-MODULE (MC9S12XEG384)
option
in <4-IMMOBILIZER>-><HYUDNAI>
- + Add IMMOBOX (STM8AF6288) option
in <4-IMMOBILIZER>-><TUNGTHIH>
- + Add EXCELLEGT (D70F3423) option
in <5-DASHBORAD>-><BUICK>
- + Add ARRIZO7-DASHBOARD (2015)
option
in <5-DASHBORAD>-><CHERY>
- + Add K50-DASHBOARD (2015)
option
in <5-DASHBORAD>-><KARRY>
- + Add REGAL-SRS (MC9S12XEG384)
option in <7-ARIBAG>-><BUICK>
- + Add ASTRA-SRS option
in <7-ARIBAG>-><OPEL>
- + Add SRS-VW61 option
in <7-ARIBAG>-><VOLKSWAGEN>
- + Add ISM (ST10F269),
S-CLASS-W221-FRONT-SAM options
in <8-OTHER>-><BENZ>
- + Add SORENTO-IPM option
in <8-OTHER>-><KIA>
- + Add PASSAT-PDC-MODULE,
REAR-VIEW-CAMERA (D70F3356),
TIGUAN-KG-MODULE (MC9S12XET256)
option
in <8-OTHER>-><VOLKSWAGEN>

v4.6.4 (2017-10-26)

- * This version DON't need update
firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.6.4
version in Doc folder
- * Fix EEPROM CLIP ADAPTER R&W
some chips error problem
- + Add LACROSSE-BCM (2008) option
in <4-IMMOBILIZER>-><BUICK>
- + Add IMMOBOX (STM8AF5268),
IMMOBOX (STM8AF6268) options
in <4-IMMOBILIZER>-><TUNGTHIH>
- + Add ALSVIN-V7 (2017) option in
<5-DASHBOARD>-><CHANGAN>
- + Add Haval-H6 option in
<5-DASHBOARD>-><GREATWALL>
- + Add E60-KBM,
PDC-MODULE options
in <8-OTHER>-><BMW>

v4.6.3 (2017-10-17)

- * This version DON't need update
firmware
- * Fix some bugs
- * Fix MC68HC(9)08 series problem
- + Add AM29F200BB-xxE,
AM29F200BB-xxF,

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AM29F200BB-xxS,
AM29F200BT-xxE,
AM29F200BT-xxF,
AM29F200BT-xxS,
AM29F400BB-xxE,
AM29F400BB-xxF,
AM29F400BB-xxS,
AM29F400BT-xxE,
AM29F400BT-xxF,
AM29F400BT-xxS,
AM29F800BB-xxE,
AM29F800BB-xxF,
AM29F800BB-xxS,
AM29F800BT-xxE,
AM29F800BT-xxF,
AM29F800BT-xxS,
AM29F160BBxxE,
AM29F160BBxxF
AM29F160BTxxE,
AM29F160BTxxF options in
<1-EEPROM&FLASH>-><AMD>
(Need AM29FXXXB ADAPTER)
+ Add M95M01,
M95M02 options in
<1-EEPROM&FLASH>-><ST>
+ Add M95M01 (CLIP),
M95M02 (CLIP) options in
<1-EEPROM&FLASH>-><ST (CLIP)>
(Need EEPROM CLIP ADAPTER)
+ Add RFA-UNSECURED(MC9S12XET256),
RFA-SECURED(MC9S12XET256) options
in <8-OTHER>-><LANDROVER>

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v4.6.2 (2017-09-29)
* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.6.2
version in Doc folder
+ Add S29190 (SOP8),
S29290 (SOP8),
S29390 (SOP8),
S29190 (DIP8),
S29290 (DIP8),
S29390 (DIP8) options in
<1-EEPROM&FLASH>-><SEIKO>
+ Add S29190 (SOP8) (CLIP),
S29290 (SOP8) (CLIP),
S29390 (SOP8) (CLIP),
S29190 (DIP8) (CLIP),
S29290 (DIP8) (CLIP),
S29390 (DIP8) (CLIP) options in
<1-EEPROM&FLASH>-><SEIKO (CLIP)>
(Need EEPROM CLIP ADAPTER)
+ Add ME7.4.4-FLASH-AM29F400BB,
ME7.4.4-EEPROM-95160,
ME7.4.9NG-FLASH-ST10F275,
ME7.4.9NG-EEPROM-95320,

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MG7.9.8 options in
 <3-ECU>-><BOSCH>

- + Add HYUNDAI(2005-2014) (AM29BDD160GB),
 HYUNDAI(2005-2014) (29F400BB),
 SONATA(2005-06) (S29CDO16J),
 SONATA(2005-06) (29F400BB)
 options in <3-ECU>-><HYUNDAI>
- + Add KIA(2005-2014) (AM29BDD160GB),
 KIA(2005-2014) (29F400BB) options
 in <3-ECU>-><KIA>
- + Add IAW-6LPB(ST10F280) option in
 <3-ECU>-><MAGNETI>
- + Add 405(ST10F271) option in
 <3-ECU>-><PEUGEOT>
- + Add EMS3134(29F400BB)
 option in <3-ECU>-><RENAULT>
- + Add CNG(2010-2014) option in
 <3-ECU>-><OTHERS>
- + Add EIZ-W906(ST12) option in
 <4-IMMOBILIZER>-><BENZ>
- + Add EWS4.X(ADAPTER) option in
 <4-IMMOBILIZER>-><BMW>
 (Need EWS4 ADAPTER)
- + Add EXCELLE-GT-BCM(D70F3385),
 EXCELLE-GT-BCM(D70F3469) options
 in <4-IMMOBILIZER>-><BUICK>
- + Add CRUZE-BCM(D70F3385) option
 in <4-IMMOBILIZER>-><CHEVROLET>
- + Add WRANGLER-BCM(2013) option
 in <4-IMMOBILIZER>-><JEEP>
- + Add EADO(2015) option in
 <5-DASHBOARD>-><CHANGAN>
- + Add MALIBU(D70F3426) option in
 <5-DASHBOARD>-><CHEVROLET>
- + Add EMGRAND option in
 <5-DASHBOARD>-><GEELY>
- + Add REFINE(2017) option in
 <5-DASHBOARD>-><JAC>
- + Add DELONG option in
 <5-DASHBOARD>-><SAG>
- + Add ELYSEE-SRS(D70F3624) option in
 <7-AIRBAG>-><CITROEN>
- + Add 301-SRS(D70F3624) option in
 <7-AIRBAG>-><PEUGEOT>
- + Add SRS-VW51(MC68HC908AZ60A) option
 in <7-AIRBAG>-><VOLKSWAGEN>
- + Add GEARBOX(29F200BB) option in
 <8-OTHERS>-><CITROEN>
- + Add X-TRAIL-PMM option
 in <8-OTHERS>-><NISSAN>

v4.6.1 (2017-08-30)

- * This version DON't need update
 firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.6.1
 version in Doc folder
- * Fix MC9S12XS/MC9S12XHY series

```

PFLASH write error problem
* Fix SRS-VW52-V1 diagram
+ Add AT24C01 (CLIP),
  AT24C02 (CLIP),
  AT24C04 (CLIP),
  AT24C08 (CLIP),
  AT24C16 (CLIP),
  AT24C32 (CLIP),
  AT24C64 (CLIP),
  AT24C128 (CLIP),
  AT24C256 (CLIP),
  AT24C512 (CLIP),
  AT24C1024 (CLIP),
  AT25010 (CLIP),
  AT25020 (CLIP),
  AT25040 (CLIP),
  AT25080 (CLIP),
  AT25160 (CLIP),
  AT25320 (CLIP),
  AT25640 (CLIP),
  AT25128 (CLIP),
  AT25256 (CLIP),
  AT25512 (CLIP),
  AT93C06[A] (CLIP),
  AT93C46[A] (CLIP),
  AT93C56[A] (CLIP),
  AT93C57[A] (CLIP),
  AT93C66[A] (CLIP),
  AT93C76[A] (CLIP),
  AT93C86[A] (CLIP) options in
<1-EEPROM&FLASH>-><ATMEL (CLIP)>
  (Need EEPROM CLIP ADAPTER)
+ Add CAT24C/W01 (CLIP),
  CAT24C/W02 (CLIP),
  CAT24C/W04 (CLIP),
  CAT24C/W08 (CLIP),
  CAT24C/W16 (CLIP),
  CAT24C/W32 (CLIP),
  CAT24C/W64 (CLIP),
  CAT25C128 (CLIP),
  CAT25C256 (CLIP),
  CAT93C46[A] (CLIP),
  CAT93C56[A] (CLIP),
  CAT93C57[A] (CLIP),
  CAT93C66[A] (CLIP),
  CAT93C76[A] (CLIP),
  CAT93C86[A] (CLIP) options in
<1-EEPROM&FLASH>-><CATALYST (CLIP)>
  (Need EEPROM CLIP ADAPTER)
+ Add XL[S]24C01 (CLIP),
  XL[S]24C02 (CLIP),
  XL[S]24C04 (CLIP),
  XL[S]24C08 (CLIP),
  XL[S]24C16 (CLIP),
  XL[S]93C/LC06 (CLIP),
  XL[S]93C/LC46 (CLIP),
  XL[S]93C/LC56 (CLIP),
  XL[S]93C/LC66 (CLIP) options in

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<1-EEPROM&FLASH>-><EXEL (CLIP) >
(Need EEPROM CLIP ADAPTER)
+ Add FM24C02 (CLIP) ,
  FM24C03 (CLIP) ,
  FM24C04 (CLIP) ,
  FM24C08 (CLIP) ,
  FM24C09 (CLIP) ,
  FM24C16 (CLIP) ,
  FM24C17 (CLIP) ,
  FM93CS06 (CLIP) ,
  FM93CS46 (CLIP) ,
  FM93CS56 (CLIP) ,
  FM93CS66 (CLIP) ,
  NM24C02 (CLIP) ,
  NM24C03 (CLIP) ,
  NM24C04 (CLIP) ,
  NM24C05 (CLIP) ,
  NM24C08 (CLIP) ,
  NM24C09 (CLIP) ,
  NM24C16 (CLIP) ,
  NM24C17 (CLIP) ,
  NM24U17 (CLIP) ,
  NM24C32 (CLIP) ,
  NM24C65 (CLIP) ,
  NM93C06 (CLIP) ,
  NM93C46 (CLIP) ,
  NM93C56 (CLIP) ,
  NM93C66 (CLIP) ,
  NM93C86 (CLIP) ,
  NM93CS06 (CLIP) ,
  NM93CS46 (CLIP) ,
  NM93CS56 (CLIP) ,
  NM93CS66 (CLIP) options in
<1-EEPROM&FLASH>-><FAIRCHILD (CLIP) >
(Need EEPROM CLIP ADAPTER)
+ Add 24AA02 (CLIP) ,
  24AA04 (CLIP) ,
  24AA08 (CLIP) ,
  24AA16 (CLIP) ,
  24AA164 (CLIP) ,
  24AA32 (CLIP) ,
  24AA128 (CLIP) ,
  24AA256 (CLIP) ,
  24C02 (CLIP) ,
  24C04 (CLIP) ,
  24C32 (CLIP) ,
  24LC02 (CLIP) ,
  24LC04 (CLIP) ,
  24LC08 (CLIP) ,
  24LC16 (CLIP) ,
  24LC164 (CLIP) ,
  24LC32 (CLIP) ,
  24LC64 (CLIP) ,
  24LC65 (CLIP) ,
  24LC128 (CLIP) ,
  24LC256 (CLIP) ,
  93C/LC/AA46A (CLIP) ,
  93C/LC/AA56A (CLIP) ,

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93C/LC/AA66A (CLIP) ,
93C/LC/AA76A (CLIP) ,
93C/LC/AA86A (CLIP) ,
93C/LC/AA46B (CLIP) ,
93C/LC/AA56B (CLIP) ,
93C/LC/AA66B (CLIP) ,
93C/LC/AA76B (CLIP) ,
93C/LC/AA86B (CLIP) ,
93C/LC/AA46C (CLIP) ,
93C/LC/AA56C (CLIP) ,
93C/LC/AA66C (CLIP) ,
93C/LC/AA76C (CLIP) ,
93C/LC/AA86C (CLIP) options in
<1-EEPROM&FLASH>-><MICROCHIP (CLIP)>
(Need EEPROM CLIP ADAPTER)
+ Add M24C01 (CLIP) ,
M24C02 (CLIP) ,
M24C04 (CLIP) ,
M24C08 (CLIP) ,
M24C16 (CLIP) ,
M24C32 (CLIP) ,
M24C64 (CLIP) ,
M24C128 (CLIP) ,
M24C256 (CLIP) ,
M24C512 (CLIP) ,
M93C06 (CLIP) ,
M93C46 (CLIP) ,
M93C56 (CLIP) ,
M93C66 (CLIP) ,
M93C76 (CLIP) ,
M93C86 (CLIP) ,
M95010 (CLIP) ,
M95020 (CLIP) ,
M95040 (CLIP) ,
M95080 (CLIP) ,
M95160 (CLIP) ,
M95320 (CLIP) ,
M95640 (CLIP) ,
M95128 (CLIP) ,
M95256 (CLIP) ,
M95512 (CLIP) ,
ST24C01 (CLIP) ,
ST24C02 (CLIP) ,
ST24C04 (CLIP) ,
ST24C08 (CLIP) ,
ST24C16 (CLIP) ,
ST24E16 (CLIP) ,
ST24E32 (CLIP) ,
ST24W02 (CLIP) ,
ST24W04 (CLIP) ,
ST24W08 (CLIP) ,
ST24W16 (CLIP) ,
ST25C01 (CLIP) ,
ST25C02 (CLIP) ,
ST25C04 (CLIP) ,
ST25C08 (CLIP) ,
ST25C16 (CLIP) ,
ST25E16 (CLIP) ,

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ST25E32 (CLIP) ,
ST93CS56 (CLIP) ,
ST93CS57 (CLIP) ,
ST93CS66 (CLIP) ,
ST93CS67 (CLIP) ,
ST93CS47 (CLIP) ,
ST93CS46 (CLIP) options in
<1-EEPROM&FLASH>-><ST (CLIP)>
(Need EEPROM CLIP ADAPTER)
+ Add X24C01 (CLIP) ,
X5043 (CLIP) ,
X5045 (CLIP) options in
<1-EEPROM&FLASH>-><ST (CLIP)>
(Need EEPROM CLIP ADAPTER)
+ Add ME7.4.5-FLASH-ST10F275,
ME7.4.5-EEPROM-95320 options
in <3-ECU>-><BOSCH>
+ Add BCM2 (D70F3380) option
in <4-IMMOBILIZER>-><AUDI>
+ Add EWS3-KLINE (0D46J) option
in <4-IMMOBILIZER>-><BMW>
(Need EWS3 ADAPTER)
+ Add BCM-XEP100 (2009--) option
in <4-IMMOBILIZER>-><LANDROVER>
+ Add LAGUNA-UCT (2006) option
in <4-IMMOBILIZER>-><RENAULT>
+ Add BCM2 (D70F3380) option
in <4-IMMOBILIZER>-><VOLKSWAGEN>
+ Add BJ40-DASHBORAD,
E150-DASHBORAD (2014) ,
EX200-BCM (2016) options
in <5-DASHBORAD>-><BAICMOTOR>
+ Add EQ-DASHBOARD (2017) option
in <5-DASHBORAD>-><CHERY>
+ Add AUTOPLEAD-DASHBOARD (2017)
option in <5-DASHBORAD>-><DAYUN>
+ Add IEV-DASHBOARD (2017)
option in <5-DASHBORAD>-><JAC>
+ Add BEETLE-DASHBOARD (2005) ,
BEETLE-DASHBOARD (2010) options
in <5-DASHBORAD>-><VOLKSWAGEN>
+ Add REGAL-SRS (2014) option
in <7-ARIBAG>-><BUICK>
+ Add GOLF7-SRS option
in <7-ARIBAG>-><VOLKSWAGEN>
+ Add A6L-C7-EPB-MODULE option
in <8-OTHER>-><AUDI>
+ Add 300C-PDC-MODULE (2007--)
option in <8-OTHER>-><CHRYSLER>
+ Add MAGOTAN-LEW-MODULE,
POLO-J393-EEPROM,
TIGUAN-EPB-MODULE options
in <8-OTHER>-><VOLKSWAGEN>

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v4.6.0 (2017-07-26)

- * This version DON't need update firmware
- * Fix some bugs

- + Add VVDI PROG USER MANUAL 4.6.0 version in Doc folder
- * Change some RENESAS-V850 chips DFLASH size to 64KB
- * Fix GM-BCM3 option
- * Fix V850E2 series diagrams
- * Change KESSY(2008--) diagram
- + Add V850E-SK3H,V850-SJ3H series diagrams
- + Add NM93CS06,
NM93CS46,
NM93CS56,
NM93CS66,
FM93CS06,
FM93CS46,
FM93CS56,
FM93CS66 options
in <1-EEPROM&FLASH>-><FAIRCHILD>
- + Add M93S06,
M93S46,
M93S56,
M93S66,
ST93CS46,
ST93CS47,
ST93CS56,
ST93CS57,
ST93CS66,
ST93CS67 options
in <1-EEPROM&FLASH>-><ST>
- + Add D80 (ADAPTER) ,
D160 (ADAPTER) ,
M350803 (ADAPTER) ,
M350806 (ADAPTER) ,
M35080V6 (ADAPTER) ,
M35080VP (ADAPTER) options
in <1-EEPROM&FLASH>-><ST>
(Need M35080/D80 ADAPTER)
- + Add MC9S12HN64_UNSECURED,
MC9S12HZ64_UNSECURED,
MC9S12HN64_SECURED,
MC9S12HZ64_SECURED options
in <2-MCU>-><MOTOROLA-MC9S12>
- + Add ST72321 (R/AR) 6,
ST72F321 (R/AR) 6,
ST72321 (R/AR/J) 7,
ST72F321 (R/AR/J) 7,
ST72321 (R/AR/J) 9,
ST72F321 (R/AR/J) 9,
ST72521B (R/AR) 6,
ST72F521 (R/AR) 6,
ST72521B (M/R/AR) 9,
ST72F521 (M/R/AR) 9 options
in <2-MCU>-><ST-ST7>
- + Add SPC5606S option
in <2-MCU>-><ST-SPC560XXXX>
- + Add ME7.5.20 (ST10F275) option
in <3-ECU>-><VOLKSWAGEN>
- + Add KESSY(2008--) option

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    in <4-IMMOBILIZER>-><AUDI>
+ Add KEYLESS-ENTRY-MODULE(2009--)
  option in <4-IMMOBILIZER>-><GM>
+ Add HAVAL-H9-BCM(D70F3632) option
  in <4-IMMOBILIZER>-><GREATWALL>
+ Add BCM(2009--) option
  in <4-IMMOBILIZER>-><LANDROVER>
+ Add XINBAO(MC9S08LG16) option
  in <5-DASHBORAD>-><CHANGAN>
+ Add CRUZE(D70F3423) option
  in <5-DASHBORAD>-><CHEVROLET>
+ Add DASHBORAD(2013--)(SPC5604S),
  DASHBORAD(2013--)(SPC5606S),
  FIESTA(3L16Y),
  FOCUS-C-MAX(2009) options
  in <5-DASHBORAD>-><FORD>
+ Add BESTURN-B70-SRS(D70F3623)
  option in <7-ARIBAG>-><FAW>
+ Add ACCORD-SRS(SPC56AP54L3)
  option in <7-ARIBAG>-><HONDA>
+ Add SRS-VW20(SPC560P50L3) option
  in <7-ARIBAG>-><VOLKSWAGEN>
+ Add A4L-LEW-MODULE(2013) option
  in <8-OTHER>-><AUDI>
+ Add EVOQUE-EPB-MODULE(2013)
  option in <8-OTHER>-><LANDROVER>
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v4.5.9          (2017-06-28)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.5.9
  version in Doc folder
* Update polish language
+ Update V850 D-Flash format
  conversion tool
* Fix STM8 series options error
* Fix MED17.1 option error
* Fix V850E-DG3 diagram error
* Fix ME17.9.11.1 diagram error
* Fix BAOJUN630 diagram error
+ Add MPC5606B,
  MPC5607B,
  MPC5602D,
  MPC5606E,
  MPC5601P,
  MPC5602S,
  MPC5604S options
  in <2-MCU>-><MOTOROLA-MPC560XXXX>
+ Add D70F3505A,
  D70F3506,
  D70F3507,
  D70F3508,
  D70F3509 options
  in <2-MCU>-><RENESAS-V850>
+ Add SPC560B50B2,
  SPC560B64L3,
  SPC560C40L1,

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SPC560C50L1,
SPC56AP54L3,
SPC56AP54L5,
SPC56AP60L3,
SPC56AP60L5 options
in <2-MCU>-><ST-SPC560XXXX>
+ Add MT60(TC1766) option
in <3-ECU>-><DELPHI>
+ Add V3 diagram in <3-ECU>->
<DELPHI>-><MT80(TC1766)>
+ Add KESSY(2008--) option
in <4-IMMOBILIZER>-><VOLKSWAGEN>
(Need to use with VVDI2,support
Touareg, Bentley, A8, Cayenne,
Phaeton with kessy module
(IMMO4 system) after 2008)
+ Add XC60-REVIEW-MIRROR option
in <4-IMMOBILIZER>-><VOLVO>
+ Add SENOVA-D70 option
in <5-DASHBORAD>-><BAICMOTOR>
+ Add EXCELLEGT option
in <5-DASHBORAD>-><BUICK>
+ Add AVEO option
in <5-DASHBORAD>-><CHEVROLET>
+ Add FIESTA option
in <5-DASHBORAD>-><FORD>
+ Add K5(2017) option
in <5-DASHBORAD>-><KIA>
+ Add FREELANDER(2004) option
in <5-DASHBORAD>-><LANDROVER>
+ Add MG3(2016) option
in <5-DASHBORAD>-><SAICMOTOR>
+ Add EXCELLEGT-SRS option
in <7-ARIBAG>-><BUICK>
+ Add ALSVIN-SRS option
in <7-ARIBAG>-><CHANGAN>
+ Add CITY-SRS(MPC5604P) option
in <7-ARIBAG>-><HONDA>
+ Add 2008-SRS option
in <7-ARIBAG>-><PEUGEOT>
+ Add SRS-VW20LE(SPC560P50L3)
option
in <7-ARIBAG>-><VOLKSWAGEN>
+ Add A4L-LWR-MODULE(2010),
A6L-C6-AMP,
A8L-AMB-MODULE(2011),
ESL-HC08GR16-V2 options
in <8-OTHER>-><AUDI>
+ Add 528-SEAT-MODULE option
in <8-OTHER>-><BMW>
+ Add LEW-MODULE option
in <8-OTHER>-><VOLKSWAGEN>

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v4.5.8 (2017-05-25)
* This version DON't need update
firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.5.8

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version in Doc folder

- + Add Arabic, Czech, Spanish, French, Italian, Portuguese, Russian, Turkish support, select in Language option
- + Add MPC5602BxLH, MPC5602BxLL, MPC5602BxLQ, MPC5603BxLH, MPC5603BxLL, MPC5603BxLQ, MPC5604B, MPC5602CxLH, MPC5602CxLL, MPC5603CxLH, MPC5603CxLL, MPC5604C, MPC5604E, MPC5602P, MPC5603P, MPC5604P options in <2-MCU>-><MOTOROLA-MPC560XXXX>
- + Add SPC560B40L1, SPC560B40L3, SPC560B40L5, SPC560B50L1, SPC560B50L3, SPC560B50L5, SPC560B54L3, SPC560B54L5, SPC560B60L3, SPC560B60L5, SPC560B60L7, SPC560B64L5, SPC560B64L7, SPC560C40L3, SPC560C50L3, SPC560D30L1, SPC560D30L3, SPC560D40L1, SPC560D40L3, SPC560P44L3, SPC560P44L5, SPC560P50L3, SPC560P50L5, SPC560P54L3, SPC560P54L5, SPC560P60L3, SPC560P60L5 options in <2-MCU>-><ST-SPC560XXXX>
- + Add ME7.9.7.1 option in <3-ECU>-><BOSCH>
- + Add DODGE-JOURNEY-WIN(2010) option in <4-IMMOBILIZER>-><CHRYSLER>
- + Add CS10-IMMO option in <4-IMMOBILIZER>-><LEOPAARD>
- + Add T70-IMMO option

in <4-IMMOBILIZER>-><YEMA>
+ Add B40,
E130,
SENOVA-D50 options
in <5-DASHBORAD>-><BAICMOTOR>
+ Add BORGWARD(2017) option
in <5-DASHBORAD>-><BORGWARD>
+ Add ALSVIN-V3(2012),
CS35(2015),
CX20(2012),
HONOR,
OUSHANG(2017),
RAETON(2013) options
in <5-DASHBORAD>-><CHANGAN>
+ Add FXAUTO-LZ,
VENUCIA-D50 options
in <5-DASHBORAD>-><DONGFENG>
+ Add CS10 option
in <5-DASHBORAD>-><LEOPAARD>
+ Add QUEST(2006) option
in <5-DASHBORAD>-><NISSAN>
+ Add BESTURN-X80 option
in <5-DASHBORAD>-><FAW>
+ Add BAOJUN630,
BAOJUN630(2015),
BAOJUN730,
MG6,
SGMW-RONGGUANG options
in <5-DASHBORAD>-><SAICMOTOR>
+ Add POLO option
in <5-DASHBORAD>-><VOLKSWAGEN>
+ Add S80(2009) option
in <5-DASHBORAD>-><VOLVO>
+ Add H330 option
in <5-DASHBORAD>-><ZHONGHUA>
+ Add DOME-X5(2015),
T600(2015),
Z500(2015) option
in <5-DASHBORAD>-><ZOTYE>
+ Add RIICH-M1-SRS option
in <7-ARIBAG>-><CHERY>
+ Add BESTURN-B70-SRS option
in <7-ARIBAG>-><FAW>
+ Add ECOSPORT-SRS,
ESCORT-SRS options
in <7-ARIBAG>-><FORD>
+ Add DISCOVERY4-SRS option
in <7-ARIBAG>-><LANDROVER>
+ Add LOVA-SRS option
in <7-ARIBAG>-><SAICMOTOR>
+ Add DKG-MODULE(2008) option
in <8-OTHER>-><BMW>
+ Add GL8-KG-MODULE option
in <8-OTHER>-><BUICK>
+ Add RAETON-HVAC-MODULE(2013),
RAETON-KG-MODULE(2013) options
in <8-OTHER>-><CHANGAN>
+ Add CRUZE-CD-PLAYER option

- in <8-OTHER>-><CHEVROLET>
- + Add FENGGUANG580-KG-MODULE option
 - in <8-OTHER>-><DONGFENG>
- + Add FOCUS-BCM option
 - in <8-OTHER>-><FORD>
- + Add HVAC-MODULE(2015),
 - HAVAL-H9-4WD-MODULE options
 - in <8-OTHER>-><GREATWALL>
- + Add IX35-ASSY-SMARTKEY-UNIT option in <8-OTHER>-><HYUNDAI>
- + Add RUIYI-KG-MODULE(2009) option
 - in <8-OTHER>-><MAZDA>
- + Add GOLF6-PDC-MODULE,
 - MAGOTAN-EPB-MODULE(2013),
 - NEW-JETTA-PDB-MODULE,
 - NEW-SANTANA-PDB-MODULE options
 - in <8-OTHER>-><VOLKSWAGEN>

v4.5.7 (2017-04-21)

- * This version DON't need update firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.5.7 version in Doc folder
- * Fix some MC68HC(9)08 read error problem
- * Fix PIC12F(16F) diagram error problem
- + Add TC1762-CAN,
 - TC1766-CAN options
 - in <2-MCU>-><INFINEON-TRICORE>
- + Add STM8AF5179,
 - STM8AF5268,
 - STM8AF5269,
 - STM8AF5286,
 - STM8AF5288,
 - STM8AF5289,
 - STM8AF528A,
 - STM8AF52A6,
 - STM8AF52A8,
 - STM8AF52A9,
 - STM8AF52AA,
 - STM8AF6168,
 - STM8AF6213,
 - STM8AF6223,
 - STM8AF6223A,
 - STM8AF6246,
 - STM8AF6248,
 - STM8AF6266,
 - STM8AF6268,
 - STM8AF6269,
 - STM8AF6286,
 - STM8AF6288,
 - STM8AF6289,
 - STM8AF628A,
 - STM8AF62A6,
 - STM8AF62A8,

STM8AF62A9,
STM8AF62AA,
STM8AL3136,
STM8AL3138,
STM8AL3146,
STM8AL3148,
STM8AL3166,
STM8AL3168,
STM8AL3188,
STM8AL3189,
STM8AL318A,
STM8AL31E88,
STM8AL31E89,
STM8AL31E8A,
STM8AL3LE88,
STM8AL3LE89,
STM8AL3LE8A,
STM8AL3L46,
STM8AL3L48,
STM8AL3L66,
STM8AL3L68,
STM8AL3L88,
STM8AL3L89,
STM8AL3L8A,
STM8L051F3,
STM8L052C6,
STM8L052R8,
STM8L101F1,
STM8L101F2,
STM8L101F3,
STM8L101G2,
STM8L101G3,
STM8L101K3,
STM8L151C2,
STM8L151C3,
STM8L151C4,
STM8L151C6,
STM8L151C8,
STM8L151F2,
STM8L151F3,
STM8L151G2,
STM8L151G3,
STM8L151G4,
STM8L151G6,
STM8L151K2,
STM8L151K3,
STM8L151K4,
STM8L151K6,
STM8L151M8,
STM8L151R6,
STM8L151R8,
STM8L152C4,
STM8L152C6,
STM8L152C8,
STM8L152K4,
STM8L152K6,
STM8L152K8,
STM8L152M8,

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STM8L152R6,
STM8L152R8,
STM8L162R8,
STM8L162M8,
STM8S003F3,
STM8S003K3,
STM8S003C6,
STM8S003K6,
STM8S007C8,
STM8S103F2,
STM8S103F3,
STM8S103K3,
STM8L105C4,
STM8L105C6,
STM8L105K4,
STM8L105K6,
STM8L105S4,
STM8L105S6,
STM8S207C6,
STM8S207CB,
STM8S207K6,
STM8S207K8,
STM8S207M8,
STM8S207MB,
STM8S207R6,
STM8S207R8,
STM8S207RB,
STM8S207S6,
STM8S207S8,
STM8S208C6,
STM8S208C8,
STM8S208MB,
STM8S208R8,
STM8S208RB,
STM8S903F,
STM8S903K options
in <2-MCU>-><ST-STM8>
+ Add ME17.9.11.1(TC1762) option
in <3-ECU>-><KIA>
+ Add MED17.1(TC1766) option
in <3-ECU>-><VOLKSWAGEN>
+ Add EIS-W639(1J35D),
EIS-W639(3K85K),
EIS-W639(4J74Y) options
in <4-IMMOBILIZER>-><BENZ>
+ Add JIEFANG-J6-HCS300 option
in <4-IMMOBILIZER>-><FAW>
* Change JIEFANG-J6-BCM option
(Support up to 5 remotes)
+ Add SENOVA-D60 option
in <5-DASHBORAD>-><BAICMOTOR>
+ Add EADO option
in <5-DASHBORAD>-><CHANGAN>
+ Add TRUMPCHI-GS4 option
in <5-DASHBORAD>-><GACMOTOR>
-----
v4.5.6 (2017-03-21)
* This version DON't need update

```

- firmware
- * Fix some bugs
- + Add VVDI PROG USER MANUAL 4.5.6 version in Doc folder
- + Support operate software while opening the diagram
- * Fix MC9S12G192,
MC9S12GA19,
MC9S12G240,
MC9S12GA240 options
PFLASH write error problem
- + Add PIC12F635,
PIC12F683 options
in <2-MCU>->
<MICROCHIP-PIC12F>
- + Add PIC16F631,
PIC16F636,
PIC16F639,
PIC16F677,
PIC16F684,
PIC16F685,
PIC16F687,
PIC16F688,
PIC16F689,
PIC16F690 options
in <2-MCU>->
<MICROCHIP-PIC16F>
- + Add JIEFANG-J6-BCM option
in <4-IMMOBILIZER>-><FAW>
(Need to use with VVDI2)
- + Add FC-OPERATION-UNIT-W221
option in <8-OTHER>-><BENZ>

v4.5.5 (2017-02-27)

- * This version DON't need update firmware
- * Fix some bugs
- + Add VVDI PROG USER MANUAL 4.5.5 version in Doc folder
- + Support operate software while opening the diagram
- * Fix HC908AB32_FLASH,
HC908AS32A_FLASH,
HC908AS60A_FLASH,
HC908AZ32A_FLASH,
HC908AZ60A_FLASH,
HC908AZ60E_FLASH,
MC68HC908LJ24,
MC68HC908LK24 options
write FLASH error problem
in <2-MCU>->
<MOTOROLA-MC69HC(9)08>
- + Add M35080-OLD-VERSION option
in <1-EEPROM&FLASH>-><ST>
- + Add MC9S08SU8_UNSECURED,
MC9S08SU16_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
- + Add MED17.5.20(TC1766) option

- in <3-ECU>-><VOLKSWAGEN>
- + Add GRAND-CHEROKEE-IMMO(0L72A) option
 - in <4-IMMOBILIZER>-><JEEP>
- + Add CS35(2016) option
 - in <5-DASHBORAD>-><CHANGAN>
- + Add TRUMPCHI-GA6(2015) option
 - in <5-DASHBORAD>-><GACMOTOR>
- + Add KG-MODULE-W221-OLD, KG-MODULE-W221-NEW options
 - in <8-OTHER>-><BENZ>
- + Add F-SERIES-SZL-MODULE option
 - in <8-OTHER>-><BMW>
- + Add TRUCK-LOCK-MODULE(2014--) option in <8-OTHER>-><JEEP>

v4.5.4 (2017-01-17)

- * This version DON't need update firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.5.4 version in Doc folder
- * Update polish support, select in Language option (Not all of the information)
- + Add X5043, X5045 options in <1-EEPROM&FLASH>-><XICOR>
- + Add diagram in <2-MCU>-><FUJITSU-MB91F>
- + Add HC908LK24, HC908LK24_SECURED options in <2-MCU>-><MOTOROLA-MC69HC(9)08>
- + Add MC9S12A32_UNSECURED, MC9S12B64_UNSECURED, MC9S12B128_UNSECURED, MC9S12B256_UNSECURED, MC9S12D32_UNSECURED, MC9S12A32_SECURED, MC9S12B64_SECURED, MC9S12B128_SECURED, MC9S12B256_SECURED, MC9S12D32_SECURED options in <2-MCU>-><MOTOROLA-MC9S12>
- + Add MT80(TC1766) option in <3-ECU>-><DELPHI>
- + Add MED17.5(TC1766) option in <3-ECU>-><VOLKSWAGEN>
- + Add diagram-V2 in <4-IMMOBILIZER>-><BENZ>->
 - EIS-W220(W215)(1J35D),
 - EIS-W220(W215)(1J74Y),
 - EIS-W220(W215)(2J74Y),
 - EIS-W220(W215)(3J74Y),
 - EIS-W220(W215)(4J74Y) options
- + Add EIZ-W230(ST12) option in <4-IMMOBILIZER>-><BENZ>

- + Add SAICMAXUS-RV(2014) option
in <5-DASHBORAD>-><SAICMOTOR>
- + Add REAR-SAM-W212 option
in <8-OTHER>-><BENZ>

v4.5.3 (2016-12-24)

- * This version DON't need update
firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.5.3
version in Doc folder
- + Add TC1796-CAN option
in <2-MCU>-><INFINEON-TRICORE>
- + Add HC908AS32A_FLASH,
HC908AZ32A_FLASH,
HC908AS60A_FLASH,
HC908AZ60A_FLASH,
HC908AZ60E_FLASH,
HC908AS32A_FLASH_SECURED,
HC908AZ32A_FLASH_SECURED,
HC908AS60A_FLASH_SECURED,
HC908AZ60A_FLASH_SECURED,
HC908AZ60E_FLASH_SECURED options
in <2-MCU>->
<MOTOROLA-MC69HC(9)08>
- + Add MC9S08DN16_UNSECURED,
MC9S08DN32_UNSECURED,
MC9S08DN48_UNSECURED,
MC9S08DN60_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
- + Add MC9S12A512_UNSECURED,
MC9S12DJ512_UNSECURED,
MC9S12DP512_UNSECURED,
MC9S12A512_SECURED,
MC9S12DJ512_SECURED,
MC9S12DP512_SECURED options
in <2-MCU>-><MOTOROLA-MC9S12>
- + Add EDC17_CP14(TC1796) option
in <3-ECU>-><VOLKSWAGEN>
- + Add EIZ-W169-V1(ST12),
EIZ-W169-V2(ST12) options
in <4-IMMOBILIZER>-><BENZ>
- + Add FRM-E-SERIES-XEQ384,
FRM-F-SERIES-XET512 options
in <8-OTHER>-><BMW>

v4.5.2 (2016-11-25)

- * This version DON't need update
firmware
- * Fix some bugs
- + Add VVDI PROG USER MUNUAL 4.5.2
version in Doc folder
- + Add AB28F200B5T(PSOP44),
AB28F200B5B(PSOP44),
AB28F400B5T(PSOP44),
AB28F400B5B(PSOP44),
AB28F800B5T(PSOP44),
AB28F800B5B(PSOP44)options

```

in <1-EEPROM&FLASH>-><INTEL>
(Need the TB28FXXX adapter)
+ Add HC908GR4,
  HC908GR8,
  HC908LJ12,
  HC908LJ24,
  HC908GR4_SECURED,
  HC908GR8_SECURED,
  HC908LJ12_SECURED,
  HC908LJ24_SECURED options
in <2-MCU>->
<MOTOROLA-MC69HC(9)08>
+ Add MC9S08JM8_UNSECURED,
  MC9S08JM16_UNSECURED,
  MC9S08JM32_UNSECURED,
  MC9S08JM60_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
+ Add [V850ES/FE3]series:
  D70F3623 option
  [V850ES/FF3]series:
  D70F3626 option
  [V850ES/FG3]series:
  D70F3627,
  D70F3629,
  D70F3630 options
  [V850ES/FJ3]series:
  D70F3631,
  D70F3632,
  D70F3633,
  D70F3634,
  D70F3635 options
  [V850ES/FK3]series:
  D70F3636,
  D70F3637,
  D70F3638 options
in <2-MCU>->
<RENESAS-V850>
+ Add BCM3 option
in <4-IMMOBILIZER>-><GM>
+ Add XIAOKANG(2015) option
in <5-DASHBORAD>-><DONGFENG>
+ Add SAICMAXUS-RV(2015) option
in <5-DASHBORAD>-><SAICMOTOR>
+ Add <7-ARIBAG> option in TYPE
+ Add GL8-SRS(2015) option
in <7-ARIBAG>-><BUICK>
+ Add MAKKA-SRS(2015) option
in <7-ARIBAG>-><OPEL>
+ Add VW52-SRS-V2 option
in <7-ARIBAG>-><VOLKSWAGEN>

```

```

-----
v4.5.1          (2016-10-24)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.5.1
  version in Doc folder
* Fix MC68HC908 series write FLASH

```

problem
+ Add MB91F037,
MB91F061,
MB91F062 options
in <2-MCU>->
<FUJITSU-MB91F>
+ Add [V850E2/DK4]series:
D70F3529 option
[V850E2/FG4]series:
D70F3548,
D70F3549,
D70F3550,
D70F4000,
D70F4001,
D70F4002 options
[V850E2/FJ4]series:
D70F3551,
D70F3552,
D70F3553,
D70F3554,
D70F4003,
D70F4004,
D70F4005,
D70F4006 options
[V850E2/FK4]series:
D70F3555,
D70F3556,
D70F3557,
D70F3558,
D70F3592,
D70F4007,
D70F4008,
D70F4009,
D70F4010 options
[V850E2/FL4]series:
D70F3559,
D70F3560,
D70F4011,
D70F4012 options
[V850E2/FK4-H]series:
D70F3561 options
[V850E2/FL4-H]series:
D70F3564 options
[V850E2/FE4-L]series:
D70F3570,
D70F3571,
D70F3572 options
[V850E2/FF4-L]series:
D70F3573,
D70F3574,
D70F3575 options
[V850E2/FG4-L]series:
D70F3576,
D70F3577,
D70F3578,
D70F3579,
D70F3580 options
[V850E2/FJ4-L]series:

```

D70F3582,
D70F3583,
D70F3584,
D70F3585 options
in <2-MCU>->
<RENESAS-V850>
+ Add DISCOVERY3-CEM,
  RANGE-ROVER-SPORT-CEM options
  in <4-IMMOBILIZER>-><LANDROVER>
+ Add BIG7-ICU(HC908GZ32) option
  in <4-IMMOBILIZER>-><LUXGEN>
+ Add SRS(2016) option
  in <8-OTHER>-><GM>
-----
v4.5.0                (2016-09-26)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.5.0
  version in Doc folder
* Fix ATMEGAxx8 diagram error problem
* Change D70f3624 diagram
  (add QFP64 package)
+ Add ATMEGA48P,
  ATMEGA48PB,
  ATMEGA88P,
  ATMEGA88PB,
  ATMEGA163,
  ATMEGA164,
  ATMEGA164P,
  ATMEGA168P,
  ATMEGA168PB,
  ATMEGA169P,
  ATMEGA323,
  ATMEGA324,
  ATMEGA324P,
  ATMEGA324PB,
  ATMEGA325,
  ATMEGA325P,
  ATMEGA3250,
  ATMEGA3250P,
  ATMEGA328,
  ATMEGA328P,
  ATMEGA328PB,
  ATMEGA329,
  ATMEGA329P,
  ATMEGA3290,
  ATMEGA3290P,
  ATMEGA644,
  ATMEGA644P,
  ATMEGA645,
  ATMEGA645P,
  ATMEGA6450,
  ATMEGA6450P,
  ATMEGA649,
  ATMEGA649P,
  ATMEGA6490,
  ATMEGA6490P,

```

```

ATMEGA103,
ATMEGA1284,
ATMEGA1284P options
in <2-MCU>->
<ATMEL-ATMEGA_XXXX>
+ Add HC908GZ8,
  HC908GZ16,
  HC908GZ32,
  HC908GZ48,
  HC908GZ60,
  HC908GZ8_SECURED,
  HC908GZ16_SECURED,
  HC908GZ32_SECURED,
  HC908GZ48_SECURED,
  HC908GZ60_SECURED options
in <2-MCU>->
<MOTOROLA-MC68HC(9)08>
+ Add MC912DT128_UNSECURED,
  MC912DT128A_UNSECURED,
  MC912DT128P_UNSECURED,
  MC912DT128_SECURED,
  MC912DT128A_SECURED,
  MC912DT128P_SECURED options
in <2-MCU>->
<MOTOROLA-MC68HC(9)12>
+ Add MT20U2-MC912DT128P option
in <3-ECU>-><DELPHI>
+ Add BESTURN-B90-BCM option
in <4-IMMOBILIZER>-><FAW>
+ Add FENGGUANG(2016) option
in <5-DASHBORAD>-><DONGFENG>
+ Add XC60-HIGH-EQUIPPED(2014)
  option in <5-DASHBORAD>-><VOLVO>

```

```

-----
v4.4.9 (2016-08-29)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.4.9
  version in Doc folder
+ Add ATMEGA48,
  ATMEGA8,
  ATMEGA88,
  ATMEGA16,
  ATMEGA162,
  ATMEGA168,
  ATMEGA169,
  ATMEGA32,
  ATMEGA64,
  ATMEGA640,
  ATMEGA128,
  ATMEGA1280,
  ATMEGA1281,
  ATMEGA2560,
  ATMEGA2561 options
in <2-MCU>->
<ATMEL-ATMEGA_XXXX>
+ Add XC164CS-16F,

```

```

XC164CS-32F options
in <2-MCU>->
<INFINEON-XC164CS>
+ Add PIC18F6520,
  PIC18F6620,
  PIC18F6720,
  PIC18F8520,
  PIC18F8620,
  PIC18F8720 options
in <2-MCU>->
<MICROCHIP-PIC18F>
+ Add MODUS-XC164CS-32F option
in <3-ECU>-><RENAULT>
+ Add X7(2016) option
in <5-DASHBORAD>-><HANTENG>
+ Add HONDA(2015) option
in <5-DASHBORAD>-><HONDA>
+ Add ESL-HC08GR16-V1 option
in <8-OTHER>-><AUDI>
+ Add ATCM,
  RFA-V2 options
in <8-OTHER>-><LANDROVER>
+ Add CLIO3-EPS-XC164CS-32F
  option in <8-OTHER>->
  <RENAULT>
+ Add CDC-XC164CS-16F option
in <8-OTHER>-><SACHS>
+ Add AIRBAG-VW52 option
in <8-OTHER>-><VOLKSWAGEN>

```

```

-----
v4.4.8                      (2016-08-01)
* This version DON't need update
  firmware
* Fix some bugs
  (write or erase operation prompt
  device error problem)

```

```

-----
v4.4.7                      (2016-07-29)
* This version DON't need update
  firmware
* Fix some bugs
+ Add VVDI PROG USER MUNUAL 4.4.7
  version in Doc folder
+ Add polish support, select in
  Language option
  (Not all of the information)
+ Add V850 series D-FLASH format
  convert tool in Tool folder
* Upgrade MC9S12XE series partition
  set interface, support set all
  possible partition size
* Fix diagram error in
  <5-DASHBORAD>-><SAICMOTOR>
  ROEWE550 option
* Fix diagram error in
  <8-OTHER>-><BENZ>
  ISM-W221 option
+ Add HC908GR16,

```

```

HC908GR32,
HC908GR48,
HC908GR60,
HC908GT8,
HC908GT16,
HC908GR16_SECURED,
HC908GR32_SECURED,
HC908GR48_SECURED,
HC908GR60_SECURED,
HC908GT8_SECURED,
HC908GT16_SECURED options
in <2-MCU>->
<MOTOROLA-MC69HC(9)08>
+ Add diagram of
  MC9S08RC/RD/RE/RG series
  in <2-MCU>-><MOTOROLA-MC9S08>
+ Add XC2060M-104,
  XC2060N-40,
  XC2336A-56,
  XC2336A-72,
  XC2336B-24,
  XC2336B-40,
  XC2361A-56,
  XC2361A-72,
  XC2363A-56,
  XC2363A-72,
  XC2364A-56,
  XC2364A-72,
  XC2364A-104,
  XC2365A-56,
  XC2365A-72,
  XC2365A-104,
  XC2361B-24,
  XC2361B-40,
  XC2363B-24,
  XC2363B-40,
  XC2364B-24,
  XC2364B-40,
  XC2365B-24,
  XC2365B-40 options
  in <2-MCU>-><INFINEON-XC2XXX>
+ Add D70F3625,
  [V850E/SJ3-H]series:
  D70F3474A,
  D70F3475A,
  D70F3476A,
  D70F3477A,
  D70F3478A,
  D70F3479A,
  D70F3931B,
  D70F3932B,
  D70F3933B,
  D70F3934B,
  D70F3935B,
  D70F3936B,
  D70F3937B,
  D70F3938B,
  D70F3939B options

```

```

[V850E/SK3-H]series:
D70F3480A,
D70F3481A,
D70F3482A,
D70F3486A,
D70F3487A,
D70F3488A,
D70F3925A,
D70F3926A,
D70F3927A options
in <2-MCU>-><RENESAS-V850>
+ Add ST10F269,
  ST10F272,
  ST10F275,
  ST10F276,
  ST10F280 options
in <2-MCU>-><ST-ST10F>
+ Add IAW-6LP2.03,
  IAW-6LPA.01 options
in <3-ECU>-><MAGNETI-MARELLI>
+ Add H530-BCM-V1 option
in <4-IMMOBILIZER>-><ZHONGHUA>
+ Add BORUI(2014-) option
in <5-DASHBORAD>-><GEELY>
+ Add TOYOTA(2014-) option
in <5-DASHBORAD>-><TOYOTA>
+ Add RFA option
in <8-OTHER>-><LANDROVER>
+ Add CLIO3-EPS option
in <8-OTHER>-><RENAULT>

```

```

-----
v4.4.6 (2016-06-23)
* This version DON't need update
  firmware
* Fix some bugs
* Fix Chrysler 300C IMMO diagram
  error
+ Add VVDI PROG USER MUNUAL 4.4.6
  version in Doc folder
+ Add MC68HC(9)08_MASK_ID.cfg file
  in software folder,list the
  corresponding MC68HC(9)08 series
  chip type of MASK ID
+ Add HC08AB16A_EEP,
  HC08AS20_EEP,
  HC08AS32_EEP,
  HC08AS32A_EEP,
  HC08AZ0_EEP,
  HC08AZ16_EEP,
  HC08AZ24_EEP,
  HC08AZ32_EEP,
  HC08AZ32A_EEP,
  HC08AZ48_EEP,
  HC08AZ48A_EEP,
  HC08AZ60_EEP,
  HC08AZ60_EEP(1J35D),
  HC08AZ60A_EEP,
  HC908AB32_EEP,

```

```

HC908AS32A_EEP,
HC908AS60_EEP,
HC908AS60A_EEP,
HC908AZ32A_EEP,
HC908AZ60_EEP,
HC908AZ60_EEP(4J74Y),
HC908AZ60A_EEP,
HC908AZ60E_EEP,
HC08AS20_EEP_SECURED,
HC08AS32_EEP_SECURED,
HC08AS32A_EEP_SECURED,
HC08AZ0_EEP_SECURED,
HC08AZ16_EEP_SECURED,
HC08AZ24_EEP_SECURED,
HC08AZ32_EEP_SECURED,
HC08AZ32A_EEP_SECURED,
HC08AZ48_EEP_SECURED,
HC08AZ48A_EEP_SECURED,
HC08AZ60_EEP_SECURED,
HC08AZ60A_EEP_SECURED,
HC908AB32_EEP_SECURED,
HC908AS32A_EEP_SECURED,
HC908AS60_EEP_SECURED,
HC908AS60A_EEP_SECURED,
HC908AZ32A_EEP_SECURED,
HC908AZ60_EEP_SECURED,
HC908AZ60A_EEP_SECURED,
HC908AZ60E_EEP_SECURED options
in <2-MCU>->
<MOTOROLA-MC69HC(9)08>
+ Add MC9S08GW32_UNSECURED,
MC9S08GW64_UNSECURED,
MC9S08JE64_UNSECURED,
MC9S08JE128_UNSECURED,
MC9S08LC36_UNSECURED,
MC9S08LC60_UNSECURED,
MC9S08LH36_UNSECURED,
MC9S08LH64_UNSECURED,
MC9S08LL8_UNSECURED,
MC9S08LL16_UNSECURED,
MC9S08LL36_UNSECURED,
MC9S08LL64_UNSECURED,
MC9S08MM32_UNSECURED,
MC9S08MM32A_UNSECURED,
MC9S08MM64_UNSECURED,
MC9S08MM128_UNSECURED,
MC9S08QB4_UNSECURED,
MC9S08QB8_UNSECURED,
MC9S08QE4_UNSECURED,
MC9S08QE8_UNSECURED,
MC9S08QE16_UNSECURED,
MC9S08QE32_UNSECURED,
MC9S08QE64_UNSECURED,
MC9S08QE96_UNSECURED,
MC9S08QE128_UNSECURED,
MC9S08RC8_UNSECURED,
MC9S08RC16_UNSECURED,
MC9S08RC32_UNSECURED,

```

```

MC9S08RC60_UNSECURED,
MC9S08RC8_UNSECURED,
MC9S08RC16_UNSECURED,
MC9S08RC32_UNSECURED,
MC9S08RC60_UNSECURED,
MC9S08RD8_UNSECURED,
MC9S08RD16_UNSECURED,
MC9S08RD32_UNSECURED,
MC9S08RD60_UNSECURED,
MC9S08RE8_UNSECURED,
MC9S08RE16_UNSECURED,
MC9S08RE32_UNSECURED,
MC9S08RE60_UNSECURED,
MC9S08RG32_UNSECURED,
MC9S08RG60_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
+ Add EIS-W203(1J35D),
  EIS-W203(1J74Y),
  EIS-W203(2J74Y),
  EIS-W203(3J74Y),
  EIS-W203(4J74Y),
  EIS-W220(W215)(1J35D),
  EIS-W220(W215)(1J74Y),
  EIS-W220(W215)(2J74Y),
  EIS-W220(W215)(3J74Y),
  EIS-W220(W215)(4J74Y),
  EIS-W639(0L02M),
  EIS-W639(1L02M),
  EIZ-W203(HC12),
  EIZ-W209(HC12),
  EIZ-W211(HC12),
  EIZ-W219(HC12),
  EIZ-W220(HC12),
  EIZ-W230(HC12),
  EIZ-W169(ST12) options
in <4-IMMOBILIZER>-><BENZ>
+ Add RANGE-ROVER-EWS(2004-08) option
in <4-IMMOBILIZER>-><LANDROVER>
+ Add VECTRA(2004-08) option
in <4-IMMOBILIZER>-><OPEL>
+ Add ARRIZO7,
  ARRIZO-M7 options
in <5-DASHBORAD>-><CHERY>
+ Add CHANGAN-STAR-9,
  CS75(2014),
  RUIXING options
in <5-DASHBORAD>-><CHANGAN>
+ Add MONDEO(2004-07) option
in <5-DASHBORAD>-><FORD>
+ Add YINGLUN(2012) option
in <5-DASHBORAD>-><GEELY>
+ Add HONDA(2014-) option
in <5-DASHBORAD>-><HONDA>

```

v4.4.5 (2016-05-25)

- * This version DON't need update firmware
- * Fix some bugs

- * Fix MC9S12XE series write
P-FLASH bug
(write BMW FRM bug)
- + Add VVDI PROG USER MUNUAL in
Doc folder
- + Add 12V power output status in
software
- + Add MC9S08LG16_UNSECURED,
MC9S08LG32_UNSECURED,
MC9S08MP12_UNSECURED,
MC9S08MP16_UNSECURED,
MC9S08SC4_UNSECURED,
MC9S08SG4_UNSECURED,
MC9S08SG8_UNSECURED,
MC9S08SG16_UNSECURED,
MC9S08SG32_UNSECURED,
MC9S08SF4_UNSECURED,
MC9S08SV8_UNSECURED,
MC9S08SV16_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
- + Add MC68HC12BC32_UNSECURED,
MC68HC12BE32_UNSECURED,
MC68HC912B32_UNSECURED,
MC68HC912BC32_UNSECURED,
MC68HC912BD32_UNSECURED,
MC912D60_UNSECURED,
MC912D60A_UNSECURED,
MC912DG128_UNSECURED,
MC912DG128A_UNSECURED,
MC68HC912BD32_SECURED,
MC912D60_SECURED,
MC912D60A_SECURED,
MC912DG128_SECURED,
MC912DG128A_SECURED options
in <2-MCU>->
<MOTOROLA-MC68HC(9)12>
- + Add MC9S12H128_UNSECURED,
MC9S12H256_UNSECURED,
MC9S12H128_SECURED,
MC9S12H256_SECURED options
Mask: (0K78X,1K78X)
MC9S12XF128_UNSECURED,
MC9S12XF256_UNSECURED,
MC9S12XF384_UNSECURED,
MC9S12XF512_UNSECURED,
MC9S12XF128_SECURED,
MC9S12XF256_SECURED,
MC9S12XF384_SECURED,
MC9S12XF512_SECURED options
Mask: (0M64J,1M64J,2M64J)
in <2-MCU>-><MOTOROLA-MC9S12>
- + Add R5F2154XX-RESET-SEC,
R5F21546E,
R5F21547E,
R5F21548E,
R5F2154AE,
R5F2154CE,
R5F21546F,

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R5F21547F,
R5F21548F,
R5F2154AF,
R5F2154CF,
R5F21546G,
R5F21547G,
R5F21548G,
R5F2154AG,
R5F2154CG,
R5F21546H,
R5F21547H,
R5F21548H,
R5F2154AH,
R5F2154CH options
in <2-MCU>-><RENESAS-R8C>
+ Add D70F3416,
  D70F3417,
  D70F3421,
  D70F3422,
  D70F3423,
  D70F3424,
  D70F3425,
  D70F3426,
  D70F3427,
  D70F3433,
  D70F3610,
  D70F3611,
  D70F3612,
  D70F3613,
  D70F3614,
  D70F3615,
  D70F3616,
  D70F3617,
  D70F3618,
  D70F3619,
  D70F3620,
  D70F3621,
  D70F3622,
  D70F3624,
  D70F3628,
  D70F3634 options
in <2-MCU>-><RENESAS-V850>
+ Add BCM2(D70F3379),
  BCM2(D70F3381/3634) options
in <4-IMMOBILIZER>-><AUDI>
+ Add BCM2(D70F3379),
  BCM2(D70F3381/3634) options
in <4-IMMOBILIZER>-><VOLKSWAGEN>
+ Add EXCELLE(2010),
  EXCELLE(2013-15),
  GL8-FIRSTLAND(2007),
  LACROSSE(2008) options
in <5-DASHBORAD>-><BUICK>
+ Add YUEXIANG(2014) option
in <5-DASHBORAD>-><CHANGAN>
+ Add FOCUS(2005),
  MONDEO-CHIA-X(2009),
  S-MAX(2008) options

```

- in <5-DASHBORAD>-><FORD>
- + Add LOBO(2008) option
 - in <5-DASHBORAD>-><HAFEI>
- + Add FAMILY(2011-13) option
 - in <5-DASHBORAD>-><HAIMA>
- + Add S-series option
 - in <5-DASHBORAD>-><JAGUAR>
- + Add JINBEI(2015) option
 - in <5-DASHBORAD>-><JINBEI>
- + Add LANDWIND-X8 option
 - in <5-DASHBORAD>-><JMC>
- + Add XC60(2016) option
 - in <5-DASHBORAD>-><VOLVO>
- + Add FSV(2010-) option
 - in <5-DASHBORAD>-><ZHONGHUA>
- + Add SR7 option
 - in <5-DASHBORAD>-><ZOTYE>

v4.4.4 (2016-04-25)

- * This version DON't need update firmware
- * Fix some bugs
- * Change some prompt information
- * Fix MC9S12 series some types write EEPROM error
- + Add upgrade info prompt, when the new version software upgrade auto display the update information
- + Add Frequency Set botton in MC9S12 series UNSECURED version, support manual set frequency or search the right frequency from MC9S12_BADURATE.cfg in Data folder (support add frequency parameter)
- + Add Frequency Set botton in RENESAS-V850 series, support manual set frequency or search the right frequency from V850_BADURATE.cfg in Data folder (support add frequency parameter)
- + Add Frequency Set botton in RENESAS-R5F61XXX series, support manual set frequency or search the right frequency from R5F61XXX_BADURATE.cfg in Data folder (support add frequency parameter)
- + Add MC9S08AC8_UNSECURED, MC9S08AC16_UNSECURED, MC9S08AC32_UNSECURED, MC9S08AC48_UNSECURED, MC9S08AC60_UNSECURED, MC9S08AC96_UNSECURED, MC9S08AC128_UNSECURED, MC9S08AW8_UNSECURED, MC9S08AW16_UNSECURED, MC9S08AW32_UNSECURED, MC9S08AW48_UNSECURED, MC9S08AW60_UNSECURED,

MC9S08DV16_UNSECURED,
MC9S08DV32_UNSECURED,
MC9S08DV48_UNSECURED,
MC9S08DV60_UNSECURED,
MC9S08DV96_UNSECURED,
MC9S08DV128_UNSECURED,
MC9S08DZ16_UNSECURED,
MC9S08DZ32_UNSECURED,
MC9S08DZ48_UNSECURED,
MC9S08DZ60_UNSECURED,
MC9S08DZ96_UNSECURED,
MC9S08DZ128_UNSECURED,
MC9S08EL16_UNSECURED,
MC9S08EL32_UNSECURED,
MC9S08FL8_UNSECURED,
MC9S08FL16_UNSECURED,
MC9S08GB32_UNSECURED,
MC9S08GB60_UNSECURED,
MC9S08GT16_UNSECURED,
MC9S08GT32_UNSECURED,
MC9S08GT60_UNSECURED,
MC9S08JS8_UNSECURED,
MC9S08JS16_UNSECURED,
MC9S08QA2_UNSECURED,
MC9S08QA4_UNSECURED,
MC9S08QD2_UNSECURED,
MC9S08QD4_UNSECURED,
MC9S08QG4_UNSECURED,
MC9S08QG8_UNSECURED,
MC9S08SE4_UNSECURED,
MC9S08SE8_UNSECURED,
MC9S08SH4_UNSECURED,
MC9S08SH8_UNSECURED,
MC9S08SL8_UNSECURED,
MC9S08SL16_UNSECURED options
in <2-MCU>-><MOTOROLA-MC9S08>
+ Add R5F61723 option
in <2-MCU>-><RENESAS-R5F>
+ Add QUADROCYCLE(2011) option
in <3-ECU>-><BOMBARDIER>
+ Add H2-BCM option
in <4-IMMOBILIZER>-><GREATWALL>
+ Add BENBEN,
S35,
JINNIUXING,
YUEXIANG options
in <5-DASHBORAD>-><CHANGAN>
+ Add CAPTIVA(2008) option
in <5-DASHBORAD>-><CHEVROLET>
+ Add VENUCIA-R50(2014),
XIAOKANG(2014) options
in <5-DASHBORAD>-><DONGFENG>
+ Add BESTURN-B50,
BESTURN-B90(2014),
BESTURN-X80(2013),
VITA(2008) options
in <5-DASHBORAD>-><FAW>
+ Add FOCUS(09-10) option

```

    in <5-DASHBORAD>-><FORD>
+ Add C30(2010) option
    in <5-DASHBORAD>-><GREATWALL>
+ Add S5 option
    in <5-DASHBORAD>-><JAC>
+ Add LUXGEN option
    in <5-DASHBORAD>-><LUXGEN>
+ Add QASHQAI(2011) option
    in <5-DASHBORAD>-><NISSAN>
+ Add BAOJUN730(2015),
    ROEWE550,
    SGMW-WULINGZHIGUANG options
    in <5-DASHBORAD>-><SAICMOTOR>
+ Add S40(2006-08),
    S40(2010),
    XC60(2012) options
    in <5-DASHBORAD>-><VOLVO>
+ Add V5 option
    in <5-DASHBORAD>-><ZHONGHUA>
+ Add Z300(2013) option
    in <5-DASHBORAD>-><ZOTYE>
+ Add ISM-W221,
    LU-W221,
    SAM-W221 options
    in <8-OTHER>-><BENZ>
+ Add RFA option
    in <8-OTHER>-><ROVER>
+ Add PASSAT-B6-PBCM option
    in <8-OTHER>-><VOLKSWAGEN>
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v4.4.3 (2016-03-31)

* This version DON't need update
firmware

```

+ Add R5F61725 option
    in <2-MCU>-><RENESAS>
+ Add MC9S12HZ128_UNSECURED,
    MC9S12HZ256_UNSECURED,
    MC9S12KG128_UNSECURED,
    MC9S12KG256_UNSECURED,
    MC9S12KT128_UNSECURED,
    MC9S12KT256_UNSECURED,
    MC9S12XEA128_UNSECURED,
    MC9S12XEG128_UNSECURED,
    MC9S12XEA256_UNSECURED,
    MC9S12XEG256_UNSECURED,
    MC9S12XET256_UNSECURED,
    MC9S12XEG384_UNSECURED,
    MC9S12XEQ384_UNSECURED,
    MC9S12XES384_UNSECURED,
    MC9S12XEQ512_UNSECURED,
    MC9S12XET512_UNSECURED,
    MC9S12XEP768_UNSECURED,
    MC9S12XEP100_UNSECURED,
    MC9S12XHZ256_UNSECURED,
    MC9S12XHZ384_UNSECURED,
    MC9S12XHZ512_UNSECURED,
    MC9S12HZ128_SECURED,
    MC9S12HZ256_SECURED,

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MC9S12KG128_SECURED,
MC9S12KG256_SECURED,
MC9S12KT128_SECURED,
MC9S12KT256_SECURED,
MC9S12XEA128_SECURED,
MC9S12XEG128_SECURED,
MC9S12XEA256_SECURED,
MC9S12XEG256_SECURED,
MC9S12XET256_SECURED,
MC9S12XEG384_SECURED,
MC9S12XEQ384_SECURED,
MC9S12XES384_SECURED,
MC9S12XEQ512_SECURED,
MC9S12XET512_SECURED,
MC9S12XEP768_SECURED,
MC9S12XEP100_SECURED,
MC9S12XHZ256_SECURED,
MC9S12XHZ384_SECURED,
MC9S12XHZ512_SECURED diagram
in <2-MCU>-><MOTOROLA>
+ Add SGMW-HONGGUANG option
in <5-DASHBORAD>-><CHERY>
+ Add 315M-IN-CIRCUIT,
315M-CHIP,
434M-IN-CIRCUIT,
434M-CHIP,
868M-IN-CIRCUIT,
868M-CHIP options in
<6-REMOTE>-><BMW-F-SERIES-RENEW>
* Fix some bug

```

v4.4.2 (2016-03-23)

* This version DON't need update
firmware

```

+ Add MC9S12A64_UNSECURED,
MC9S12A128_UNSECURED,
MC9S12A256_UNSECURED,
MC9S12D64_UNSECURED,
MC9S12DB128_UNSECURED,
MC9S12DG128_UNSECURED,
MC9S12DG256_UNSECURED,
MC9S12DJ64_UNSECURED,
MC9S12DJ128_UNSECURED,
MC9S12DJ256_UNSECURED,
MC9S12DP256_UNSECURED,
MC9S12DT128_UNSECURED,
MC9S12DT256_UNSECURED,
MC9S12GN16_UNSECURED,
MC9S12GNA16_UNSECURED,
MC9S12GN32_UNSECURED,
MC9S12GNA32_UNSECURED,
MC9S12G48_UNSECURED,
MC9S12GA48_UNSECURED,
MC9S12GN48_UNSECURED,
MC9S12G64_UNSECURED,
MC9S12GA64_UNSECURED,
MC9S12G96_UNSECURED,
MC9S12GA96_UNSECURED,

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MC9S12G128_UNSECURED,
MC9S12GA128_UNSECURED,
MC9S12G192_UNSECURED,
MC9S12GA192_UNSECURED,
MC9S12G240_UNSECURED,
MC9S12GA240_UNSECURED,
MC9S12XA128_UNSECURED,
MC9S12XA256_UNSECURED,
MC9S12XDA512_UNSECURED,
MC9S12XB128_UNSECURED,
MC9S12XB256_UNSECURED,
MC9S12XD64_UNSECURED,
MC9S12XD128_UNSECURED,
MC9S12XD256_UNSECURED,
MC9S12XDG128_UNSECURED,
MC9S12XDP512_UNSECURED,
MC9S12XDQ256_UNSECURED,
MC9S12XDT256_UNSECURED,
MC9S12XDT384_UNSECURED,
MC9S12XDT512_UNSECURED,
MC9S12A64_SECURED,
MC9S12A128_SECURED,
MC9S12A256_SECURED,
MC9S12D64_SECURED,
MC9S12DJ64_SECURED,
MC9S12DB128_SECURED,
MC9S12DJ128_SECURED,
MC9S12DG128_SECURED,
MC9S12DT128_SECURED,
MC9S12DG256_SECURED,
MC9S12DJ256_SECURED,
MC9S12DP256_SECURED,
MC9S12DT256_SECURED,
MC9S12XA128_SECURED,
MC9S12XA256_SECURED,
MC9S12XDA512_SECURED,
MC9S12XB128_SECURED,
MC9S12XB256_SECURED,
MC9S12XD64_SECURED,
MC9S12XD128_SECURED,
MC9S12XDG128_SECURED,
MC9S12XD256_SECURED,
MC9S12XDQ256_SECURED,
MC9S12XDT256_SECURED,
MC9S12XDT384_SECURED,
MC9S12XDP512_SECURED,
MC9S12XDT512_SECURED diagram
in <2-MCU>-><MOTOROLA>
+ Add [V850E/Ix3] series:
D70F3451,
D70F3452,
D70F3453,
D70F3454 diagram
[V850ES/Jx3] series:
D70F3739,
D70F3740,
D70F3741,
D70F3742,

D70F3743,
 D70F3744,
 D70F3745,
 D70F3746 diagram
 [V850ES/Jx3-E] series:
 D70F3778,
 D70F3779,
 D70F3780,
 D70F3781,
 D70F3782,
 D70F3783,
 D70F3784,
 D70F3785,
 D70F3786,
 D70F3826,
 D70F3827,
 D70F3828,
 D70F3829,
 D70F3834,
 D70F3835,
 D70F3836,
 D70F3837 diagram
 [SPECIAL TYPE] series:
 D70F3469 diagram
 in <2-MCU>-><RENESAS>
 + Add A4L-BCM(1L15Y) option
 in <4-IMMOBILIZER>-><AUDI>
 + Add CAS4-5M48H-UNLOCK,
 CAS4-1N35H-UNLOCK options
 in <4-IMMOBILIZER>-><BMW>
 + Add VECTRA(2004-2008) option
 in <4-IMMOBILIZER>-><OPEL>
 + Add BCM-2M25J-UNLOCK,
 BCM-5M48H-UNLOCK,
 BCM-1N35H-UNLOCK options
 in <4-IMMOBILIZER>-><PORSCH>
 + Add NEW-QQ option
 in <5-DASHBORAD>-><CHERY>
 + Add KUGA-3L16Y option
 in <5-DASHBORAD>-><FORD>
 * Fix some bug

 v4.4.1 (2016-03-17)

* This version need update
 firmware
 The latest version is 2.0.0
 The new version will support
 more versions of driver
 * Get this version software in
 4.4.0 version Upgrade option
 + Add MC9S12C32_UNSECURED,
 MC9S12C64_UNSECURED,
 MC9S12C96_UNSECURED,
 MC9S12C128_UNSECURED,
 MC9S12GC16_UNSECURED,
 MC9S12GC32_UNSECURED,
 MC9S12GC64_UNSECURED,
 MC9S12GC96_UNSECURED,

MC9S12GC128_UNSECURED,
MC9S12GC16_SECURED,
MC9S12GC32_SECURED,
MC9S12GC64_SECURED,
MC9S12GC96_SECURED,
MC9S12GC128_SECURED options
in <2-MCU>-><MOTOROLA>
Mask: (0M66G,1M34C,1L45J,2L45J)
+ Add [V850ES/Sx3]series:
D70F3231,
D70F3232,
D70F3233,
D70F3234,
D70F3235,
D70F3236,
D70F3237,
D70F3238,
D70F3239 options
[V850E/RS1]series:
D70F3402,
D70F3403,
D70F3403A options
[V850E/Ix3]series:
D70F3451,
D70F3452,
D70F3453,
D70F3454 options
[V850E/RG3]series:
D70F3464,
D70F3465,
D70F3466,
D70F3470,
D70F3471,
D70F3472 options
[V850ES/Jx2]series:
D70F3715,
D70F3716,
D70F3717,
D70F3718,
D70F3719,
D70F3720,
D70F3721,
D70F3722,
D70F3723,
D70F3724 options
[V850ES/Jx3]series:
D70F3739,
D70F3740,
D70F3741,
D70F3742,
D70F3743,
D70F3744,
D70F3745,
D70F3746 options
[SPECIAL TYPE]series:
D70F3469 options
[V850ES/Jx3-E]series:
D70F3778,

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D70F3779,
D70F3780,
D70F3781,
D70F3782,
D70F3783,
D70F3784,
D70F3785,
D70F3786,
D70F3826,
D70F3827,
D70F3828,
D70F3829,
D70F3834,
D70F3835,
D70F3836,
D70F3837 options
in <2-MCU>-><RENESAS>
+ Add the OPBT0 area in
  <2-MCU>-><RENESAS> :
  D70F3522,
  D70F3523,
  D70F3524,
  D70F3525,
  D70F3526,
  D70F3529,
  D70F3532,
  D70F3535,
  D70F3536,
  D70F3537,
  D70F4177,
  D70F4178,
  D70F4179,
  D70F4180 options
  The OPBT0 area is the chip config
  data area
+ Add EIS-W220 (HC08) option
  in <4-IMMOBILIZER>-><BENZ>
+ Add IMMOBILIZER-0J66D,
  IMMOBILIZER-0L72A,
  IMMOBILIZER-1H56A,
  IMMOBILIZER-1K59H options
  in <4-IMMOBILIZER>-><FIAT>
+ Add SMARTKEY-0L01Y option
  in <4-IMMOBILIZER>-><JAGUAR>
+ Add BCM-1N35H-BACKUP,
  BCM-1N35H-R/W/UNLOCK options
  in <4-IMMOBILIZER>-><PORSCH>
+ Add H5-1M80F option in
  <5-DASHBORAD>-><GREATWALL>
+ Add XC60 (2014) option in
  <5-DASHBORAD>-><VOLVO>
+ Add FRM-XEQ384 option
  in <8-OTHER>-><BMW>
+ Add auto backup the security area
  1K Bytes data function in
  MC9S12XE series chip options when
  select unlock the chip, the backup
  data will be saved in "backup"

```

folder and named with time info
+ Add auto detect firmware version
function. if the firmware
version too low, the software
will prompt to upgrade the
firmware
* Fix some bug

v4.4.0 (2016-03-07)
* This version DON't need update
firmware
* Add the Download Link in Upgrade
option, click it and get the last
version software!!!
* Change the diagram interface
+ Add MC9S12C32_SECURED,
MC9S12C64_SECURED,
MC9S12C96_SECURED,
MC9S12C128_SECURED options
in <2-MCU>-><MOTOROLA>
Mask: (0M66G, 1M34C, 1L45J, 2L45J)
+ Add EIZ-W164 (ST12),
EIZ-W215 (ST12),
EIZ-W221 (ST12),
EIZ-VANEO (ST12) options
in <4-IMMOBILIZER>-><BENZ>
+ Add CAPTIVA (2011) option in
<5-DASHBORAD>-><CHEVROLET>
+ Add BAOJUN330 option in
<5-DASHBORAD>-><SAICMOTOR>
+ Add C70 (2011) option in
<5-DASHBORAD>-><VOLVO>

v4.3.1 (2016-01-27)
* This version DON't need update
firmware
+ Add MC9S12GN16_UNSECURED,
MC9S12GNA16_UNSECURED,
MC9S12GN32_UNSECURED,
MC9S12GNA32_UNSECURED,
MC9S12G48_UNSECURED,
MC9S12GA48_UNSECURED,
MC9S12GN48_UNSECURED,
MC9S12G64_UNSECURED,
MC9S12GA64_UNSECURED,
MC9S12G96_UNSECURED,
MC9S12GA96_UNSECURED,
MC9S12G128_UNSECURED,
MC9S12GA128_UNSECURED,
MC9S12G192_UNSECURED,
MC9S12GA192_UNSECURED,
MC9S12G240_UNSECURED,
MC9S12GA240_UNSECURED options
Mask: (0N95B, 0N51A, 0N75C, 1N75C,
0N48A, 1N48A)
MC9S12HA32_UNSECURED,
MC9S12HA48_UNSECURED,
MC9S12HA64_UNSECURED,

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MC9S12HY32_UNSECURED,
MC9S12HY48_UNSECURED,
MC9S12HY64_UNSECURED options
Mask:(0M34S)
MC9S12P32_UNSECURED,
MC9S12P64_UNSECURED,
MC9S12P96_UNSECURED,
MC9S12P128_UNSECURED options
Mask:(0M01N)
MC9S12XEA128_UNSECURED,
MC9S12XEG128_UNSECURED,
MC9S12XEA128_SECURED,
MC9S12XEG128_SECURED options
Mask:(1M53J,2M53J,0N36H,1N36H)
MC9S12XHY128_UNSECURED,
MC9S12XHY256_UNSECURED options
Mask:(0M23Y)
MC9S12XS64_UNSECURED,
MC9S12XS128_UNSECURED,
MC9S12XS256_UNSECURED options
Mask:(0M04M,1M04M,0M05M)
in <2-MCU>-><MOTOROLA>
+ Add MC9S12XE_UNLOCK option
in <2-MCU>-><MOTOROLA>
(Backup all data before use it)
+ Add ME20U2-XET256-BACKUP,
ME20U2-XET512-BACKUP,
MT22-XEP768-BACKUP,
MT60-XEP768-BACKUP options
in <3-ECU>-><DELPHI>
+ Add the 12V power adaptor status
in information dialog

```

v4.3.0 (2016-01-16)

* This version DON't need update
firmware

```

+ Add MC9S12XHZ256_UNSECURED,
MC9S12XHZ384_UNSECURED,
MC9S12XHZ512_UNSECURED,
MC9S12XHZ256_SECURED,
MC9S12XHZ384_SECURED,
MC9S12XHZ512_SECURED options
in <4-IMMOBILIZER>-><MOTOROLA>
Mask:(0M80F,1M80F)

```

+ Add [V850ES/Sx3]series:

```

D70F3333,
D70F3334,
D70F3335,
D70F3336,
D70F3340,
D70F3341,
D70F3342,
D70F3343,
D70F3350,
D70F3351,
D70F3352,
D70F3353,
D70F3344,

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D70F3345,
 D70F3346,
 D70F3347,
 D70F3348,
 D70F3354,
 D70F3355,
 D70F3356,
 D70F3357,
 D70F3358,
 D70F3364,
 D70F3365,
 D70F3366,
 D70F3367,
 D70F3368 options
 [V850ES/Fx3]series:
 D70F3370A,
 D70F3371,
 D70F3372,
 D70F3373,
 D70F3374,
 D70F3375,
 D70F3376A,
 D70F3377A,
 D70F3378,
 D70F3379,
 D70F3380,
 D70F3381,
 D70F3382,
 D70F3383,
 D70F3384,
 D70F3385 options
 [V850ES/Hx2]series:
 D70F3700,
 D70F3701,
 D70F3702,
 D70F3703,
 D70F3704,
 D70F3706,
 D70F3707,
 D70F3709,
 D70F3710,
 D70F3711,
 D70F3712 options
 [V850E2/Fx4-G]series:
 D70F4177,
 D70F4178,
 D70F4179,
 D70F4180 options
 in <2-MCU>-><RENESAS>
 + Add EIZ-W220 (ST12)
 in <4-IMMOBILIZER>-><BENZ>
 + Add ORIGINAL-315M-IN-CIRCUIT,
 ORIGINAL-315M-CHIP,
 ORIGINAL-868M-IN-CIRCUIT,
 ORIGINAL-868M-CHIP options in
 <6-REMOTE>-><BMW-E-SERIES-RENEW>
 * Modify the EXCELLE (2013--) BCM,
 EXCELLE-GT (2013--) BCM,

EXCELLE(2014) options in
<4-IMMOBILIZER>-><BUICK>:
Remove the D-FLASH option
* Modify the CAS4-5M48H-R/W/UNLOCK,
CAS4-1N35H-R/W/UNLOCK options
in <4-IMMOBILIZER>-><BMW>:
Autoset the D-FLASH partition
size as 32K while writing the
D-FLASH data

v4.2.0 (2015-12-31)

* This version DON't need update
firmware
+ Add X24C01 option in
<1-EEPROM&FLASH>-><XICOR>
+ Add D70F3522,D70F3522,D70F3524
D70F3525,D70F3526,D70F3529
D70F3532,D70F3535,D70F3536
D70F3537 options in
<2-MCU>-><RENESAS>
+ Add BCM-2M25J diagram V2 in
<4-IMMOBILIZER>-><PORSCHE>
+ Add JIEFANG(3L16Y) option in
<5-DASHBORAD>-><FAW>
+ Add <6-REMOTE> option
+ Add E-SERIES-CHIP-RENEW,
E-SERIES-IN-CIRCUIT-RENEW
options in
<6-REMOTE>-><BMW>
(Support 315/433/868Mhz,
smart/ordinary remote RENEW)

v4.1.4 (2015-12-11)

* This version DON't need update
firmware
* Fix when the partition size
information error in MC9S12XE
series chips manual set the
partition size function error
problem

v4.1.3 (2015-12-11)

* This version DON't need update
firmware
+ Add PA28F200B5T(PSOP44),
PA28F200B5B(PSOP44),
PA28F200BVT(PSOP44),
PA28F200BVB(PSOP44),
PA28F200BXT(PSOP44),
PA28F200BXB(PSOP44),
PA28F400B5T(PSOP44),
PA28F400B5B(PSOP44),
PA28F400BVT(PSOP44),
PA28F400BVB(PSOP44),
PA28F400BXT(PSOP44),
PA28F400BXB(PSOP44),
PA28F800B5T(PSOP44),
PA28F800B5B(PSOP44),

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PA28F800BVT (PSOP44) ,
PA28F800BVB (PSOP44) ,
PA28F800BXT (PSOP44) ,
PA28F800BXB (PSOP44) ,
TB28F200B5T (PSOP44) ,
TB28F200B5B (PSOP44) ,
TB28F200BVT (PSOP44) ,
TB28F200BVB (PSOP44) ,
TB28F200BXT (PSOP44) ,
TB28F200BXB (PSOP44) ,
TB28F400B5T (PSOP44) ,
TB28F400B5B (PSOP44) ,
TB28F400BVT (PSOP44) ,
TB28F400BVB (PSOP44) ,
TB28F400BXT (PSOP44) ,
TB28F400BXB (PSOP44) ,
TB28F800B5T (PSOP44) ,
TB28F800B5B (PSOP44) ,
TB28F800BVT (PSOP44) ,
TB28F800BVB (PSOP44) ,
TB28F800BXT (PSOP44) ,
TB28F800BXB (PSOP44) options
in <1-EEPROM&FLASH>-><INTEL>
(Need the TB28FXXX adapter)
+ Add XP8000E option in
  <3-ECU>-><OTHERS>
+ Add BCM-XEQ384 option in
  <4-IMMOBILIZER>-><VOLKSWAGEN>
+ Add Laguna BCM(2010--) option in
  <4-IMMOBILIZER>-><RENAULT>
+ Add EXCELLE(2011--)(3L16Y) option
  in <5-DASHBORAD>-><BUICK>
* Fix the MC9S12XE series
  "read partition" software bug
* Change the default connection
  diagram size to 50%
-----
v4.1.2 (2015-11-27)
* This version DON't need update
  firmware
+ Add MC9S12A64_UNSECURED
  MC9S12D64_UNSECURED
  MC9S12DJ64_UNSECURED
  MC9S12A128_UNSECURED
  MC9S12DB128_UNSECURED
  MC9S12DG128_UNSECURED
  MC9S12DJ128_UNSECURED
  MC9S12DT128_UNSECURED
  MC9S12HZ128_UNSECURED
  MC9S12KG128_UNSECURED
  MC9S12KT128_UNSECURED
  MC9S12A256_UNSECURED
  MC9S12DG256_UNSECURED
  MC9S12DJ256_UNSECURED
  MC9S12DP256_UNSECURED
  MC9S12DT256_UNSECURED
  MC9S12HZ256_UNSECURED
  MC9S12KG256_UNSECURED

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MC9S12KT256_UNSECURED
MC9S12XA128_UNSECURED
MC9S12XB128_UNSECURED
MC9S12XD128_UNSECURED
MC9S12XDG128_UNSECURED
MC9S12XA256_UNSECURED
MC9S12XB256_UNSECURED
MC9S12XD256_UNSECURED
MC9S12XDQ256_UNSECURED
MC9S12XDT256_UNSECURED
MC9S12XDT384_UNSECURED
MC9S12XDA512_UNSECURED
MC9S12XDP512_UNSECURED
MC9S12XDT512_UNSECURED options
in <2-MCU>-><MOTOROLA>, support
auto detect the clk frequency,
read/write the unsecured chip
with standard BDM interface
+ Add MC9S12XA128,MC9S12XB128,
MC9S12XD128,MC9S12XDG128 options
in <2-MCU>-><MOTOROLA>
Mask:(0M42E,1M42E,2M42E)
+ Add MC9S12XA256,MC9S12XB256,
MC9S12XD256,MC9S12XDQ256,
MC9S12XDT256 options
in <2-MCU>-><MOTOROLA>
Mask:(0M84E,1M84E)
+ Add BCM-XDT384,BCM-XEG384 options
in <4-IMMOBILIZER>-><INFINITI>
+ Add BCM-XDT384,BCM-XEG384 options
in <4-IMMOBILIZER>-><NISSAN>
+ Add BCM-XDT384,BCM-XEG384 options
in <4-IMMOBILIZER>-><RENAULT>
+ Add EXCELLE(2013--)BCM,
EXCELLE-GT(2013--)BCM options
in <4-IMMOBILIZER>-><BUICK>
+ Add MG7 option
in <4-IMMOBILIZER>-><SAICMOTOR>
+ Add EIZ-SPRINTER(2015--) option
in <4-IMMOBILIZER>-><BENZ>
+ Add ZAFIRA-DG128,ASTRA-DG128
options in <4-IMMOBILIZER>-><OPEL>
-----
v4.1.1 (2015-11-19)
* This version DON't need update
firmware
+ Add Delphi ECU MT20U2-2L33V
option in <3-ECU>-><DELPHI>
+ Add NEW SAIL BCM option in
<4-IMMOBILIZER>-><CHEVROLET>
+ Add ROEWE750 immobox option in
<4-IMMOBILIZER>-><SAICMOTOR>
+ Add EXCELLE 2014 option in
<5-DASHBORAD>-><BUICK>
* Fix display problem while check
failure
-----
v4.1.0 (2015-11-13)

```

- * This version DON't need update firmware
- + Add MC9S12XEA256_UNSECURED
MC9S12XEG256_UNSECURED
MC9S12XET256_UNSECURED
MC9S12XEG384_UNSECURED
MC9S12XEQ384_UNSECURED
MC9S12XES384_UNSECURED
MC9S12XEQ512_UNSECURED
MC9S12XET512_UNSECURED
MC9S12XEP768_UNSECURED
MC9S12XEP100_UNSECURED options
in <2-MCU>-><MOTOROLA>, support
auto detect the clk frequency,
read/write the unsecured chip
with standard BDM interface
- + Add Delphi ECU ME20U2-XET256,
ME20U2-XET512 options in
<3-ECU>-><DELPHI>
- + Add Delphi ECU MT22-XEP768,
MT60-XEP768 options in
<3-ECU>-><DELPHI>
- + Add CAS3-2K79X,CAS3-0L01Y,
CAS3+(0L15Y),CAS3+(0M23S) options
in <4-IMMOBILIZER>-><BMW>
- * Fix SIEMENS VDO IMMOBILIZER
read error problem

v4.0.0 (2015-11-09)

- * This version DON't need update firmware
- + Add EIZ-W203(ST12),EIZ-W209(ST12),
EIZ-W211(ST12),EIZ-W219(ST12),
EIZ-W463(ST12),MAYBACH-EIZ(ST12)
options in <4-IMMOBILIZER>-><BENZ>
- * Fix MC9S12XE series unsec problem
- * Change MC9S12XE series partition
set dialog,support set the partition
size manually when the partition
information error
- * Change some prompt message
- * Improve the progress bar display

v3.9.2 (2015-10-30)

- * This version DON't need update firmware
- + Add CAS2 Version2 connection diagram
- + Add PCF79XX connection diagram
- + Add MC9S12XEQ384,MC9S12XEG384,
MC9S12XES384 options in
<2-MCU>--><Motorola>
Mask:(2M25J,3M25J,0M12S,1M12S)
- + Add MC9S12XEP768 options in
<2-MCU>--><Motorola>
Mask:(4M48H,5M48H,0N35H,1N35H)
- + Add MC68HC05X32,MC68HC705X32 series
Mask:
(0D62J,1H52A,0D69J,1D69J,2D69J)

```

    (need the MC68HC05X adapter)
* Fix MC9S12XE series ID read problem
* Fix MC9S12XE series EEE write problem
* Change Audi J518 connection diagram
-----
v3.9.1                (2015-10-09)
* This version DON't need update
  firmware
+ Add Peugeot, Citroen some support types
  in PIN calculator
+ Add 2M25J-BACKUP,
  2M25J-R/W/UNLOCK,
  5M48H-BACKUP,
  5M48H-R/W/UNLOCK
  options in <4-IMMOBILIZER>-->
  <PORSCH>
  (The BACKUP options support read the
  D-FLASH and P-FLASH data without
  unlock the chip)
* Fix the display problem
-----
v3.9.0                (2015-09-30)
* This version DON't need update
  firmware
+ Add MC9S12XDT384,MC9S12XDT512
  options in <2-MCU>--><Motorola>
  Mask:(0L15Y,1L15Y,0M23S)
+ Add MC9S12XEA256,MC9S12XEG256,
  MC9S12XET256 options in
  <2-MCU>--><Motorola>
  Mask:(1M53J,2M53J,0N36H,1N36H)
+ Add PCF7922,PCF7941,PCF7945,
  PCF7952,PCF7953,PCF7961 options
  in <2-MCU>--><NXP>,support R/W
  only chip or in circuit.
  (need the PCF79XX adapter)
-----
v3.8.0                (2015-09-22)
* This version DON't need update
  firmware
+ Add 2L33V, 3L16Y R/W function
  (The only equipment can R/W except
  original equipment)
+ Add MC9S12HZ128, MC9S12HZ256,
  MC9S12KG128, MC9S12KG256,
  MC9S12KT128, MC9S12KT256 options
  in <2-MCU>--><Motorola>
  Mask:(2L16Y,3L16Y,0L74N,1L74N,
  2L14N,3L74N,4L74N,5L74N,0L33V,
  1L33V,2L33V,3L33V,0M17D)
+ Add Delphi MT20UED option
  in <3-ECU>--><CHANGAN_BENBEN>
+ Add SIEMENS VDO IMMOBILIZER
  (0L72A_E/1K59H_E)in
  <4-IMMOBILIZER>options
+ Add "CAS4-1N35H-BACKUP",
  "CAS4-1N35H-R/W" options in
  <4-IMMOBILIZER>--><BMW>

```

- + Add CHERY E5 option in
<5-DASHBORAD>
- + Add tips about erase confirmation
- * Change Great Wall Delphi immobox
connection diagram
- * Fix the English Version display
problem

v3.6.0 (2015-09-15)

- * This version DON't need update
firmware
- + Add SIEMENS/STEC IMMOBILIZER in
<4-IMMOBILIZER>
(0L07H/0L59X/0L72A/3K59G)
- + Add BMW EWS4.X in <4-IMMOBILIZER>
- + Add FORD BCM 7S7T in
<4-IMMOBILIZER>
- + Add MC9S12XDT384 option in
<2-MCU>-><Motorola>, support
(0L86D/1L86D/2L86D/3L86D/4L86D/
0M89C) options
- * Fix MC9S12xx64 Crack/Read/Write
function

v3.4.0 (2015-09-10)

- * This version DON't need update
firmware
- + Add Porsche BCM (1L15Y/2M25J/5M48H)
options
- + Add MC9S12XEQ512,MC9S12XET512
options in <2-MCU>-><Motorola>
- + Add BENZ EIS-W203 in
<4-IMMOBILIZER>
- * Fix some display BUGs in English
Version
- * Change the name of upgrade button
as "Start Firmware Upgrade"
- * Change the Voltage name as "VCC",
"VPP"

v3.1.0 (2015-09-06)

- * This version DON't need update
firmware
- + Add "CAS4-5M48H-BACKUP" option
- + Add "CAS4-5M48H-R/W" option
- + Add "CAS4-5M48H-UNLOCK" option
(Please backup the data with
"CAS4-5M48H-BACKUP" option before
unlock the chip!)
- * Fix the upgrade information display
incomplete problem

v3.0.0 (2015-08-28)

- * This version DON't need update
firmware
- + Add CAS4 connection diagram
- + Add CAS2 R/W function
- + Add Audi two versions of J518 R/W

```

function
+ Add the zoom in and zoom out button
  of connection diagram
+ Add tips about need to crack
+ Add tips about write confirmation
+ Add tip about check result tips
+ Add save file tips
* Fix PIN calculators show incomplete
* Fix D80/D160 R/W/Erase function
* Fix MC9S12XEP100 crack incorrect
  tips
* Fix 0L15Y/1L15Y read data display
  all FF problem
-----
v2.5.1                (2015-08-25)
* This version DON't need update
  firmware
+ Add ask about save data file
  function when close the software
-----
v2.5.0                (2015-08-24)
* This version DON't need update
  firmware
* Remove <5-PIN CALCULATOR>
  options,all into PIN code calculator
  options
+ Add Alpha Romeo, Peugeot, Citroen,
  Fiat, Ducati, Land Rover,
  Volkswagen, Mazda, Ford etc PIN code
  algorithm
* Fix 5M48H R/W function
* Fix 0L15Y/1L15Y R/W function
* Fix Great Wall Delphi immobox R/W
  function
-----
v1.3.9                (2015-08-06)
* This version DON't need update
  firmware
+ Add partly models of Fiat, Renault,
  Ducati PIN code algorithm to
  <5-PIN CALCULATOR>
+ Add partly chips of Motorola in
  <2-MCU>
* Fix Hyudnai code calculator bugs
* Special function button support
  switch Chinese and English
-----
v1.3.5                (2015-08-04)
* This version DON't need update
  firmware
+ Add CAS3-0L15Y to <4-IMMOBILIZER>
+ Add CAS4-1L15Y to <4-IMMOBILIZER>
+ Add partly models of Peugeot,
  Renault, Iveco, Opel PIN code
  algorithm to <5-PIN CALCULATOR>
* Fix partly incorrect information
-----
v1.3.0                (2015-07-25)

```

- * This version DON't need update
firmware
- + Add calculator function to toolbar,
support varieties of models manually
enter VIN to calculate PIN code
- + Add Delphi's 48 immobox data R/W on
board to Immo options,password
calculation changes
- + Add <5-PIN CALCULATOR> options,
support varieties of models import
bin file to calculate PIN directly
- * Support for non-standard size file
write

v1.2.2 (2015-07-10)

- + Add MC9S12XEP Support
- + Add 24CXX series Support
- * Repair USB Communication Problem

v1.2.1 (2015-07-01)

- * Original Version
-