

### **1 Module, h8/53x, SH7052, SH7055**

Identification, full flash reading/writing;

MH7201F (128KB) - 1997 Space Wagon 2.4 GDI;

Galant 4G93 GDI; Mirage Dingo 1.5 4G15 GDI;

MH7202F (128KB) - the same Mitsubishi models as 7203; Mazda 626, 1998;

MH7203FA (128KB) - Mitsubishi Carisma, Pajero, Eclipse, Galant 2000-2004;

Montero Pajero 3.2 DID 4m41 2002;

Hyundai Sonata 2.0 (Korea, Tagaz) 2004, Santa Fe 2.4 2001-2004, Tiburon 2.0 (Cupe), Matrix 1.8; Kia Sorrento 2.4, Magentis 2.0 2000-2004;

MH8206F (256KB) - Lancer IX MT;

MH8305F (512KB) - Lancer IX AT.

### **2 Module, Mitsubishi M32r**

Map area reading/writing, full flash reading/writing, error reading/deleting, checksum correction;

MH8102F (512KB);

MH8201F (512KB);

MH8202F (512KB);

MH8301F (512KB) - from 2001 Montero Sport 3.5L; from 2001 Pajero 3.0;

MH8302F (512KB) - from 2004 Galant 2.4L MIVEC; Outlander 2003-2005; Outlander CU5W 2.4 AT MIVEC 07/05 - 12/08; from 2003 Montero Sport 3.5L 4WD; c 2004 Galant 3.8L V6; 06-09 Eclipse GT;

MH8303F (768KB) - from 2006 Outlander AWD AT; from 2006 Outlander 2.4L 4WD AT MIVEC;

MH8304F (512KB & 768KB) - from 2005 Galant 2.4L; Colt 1.3 2004-2008.

### **3 Module, Mitsubishi Lancer X1.5, Outlander JDM**

Identification, map area reading/writing, full flash reading/writing, error reading/deleting, checksum correction, configuration data reading/writing;

MH8104F (512KB) CAN;

MH8104F (512KB) K-Line (repair/recovery);

MH8106F (1024KB) CAN;

MH8106F (1024KB) K-Line (repair/recovery);

EVO X ACD m32r (512KB) K-Line.

### **4 Module, Mazda Dorestyle**

Map area reading/writing, full flash reading/writing, error reading/deleting, checksum correction;

Denso/Mitsubishi SH7058/SH705\*

### **5 Module, Yamaha snowmobiles and Boats**

Full flash reading/writing, checksum correction;

Yamaha F40/50/60 MH8102F (loaded ECU);

Yamaha RFX nitro MH8104F (not loaded ECU);

MH8106F;  
MH8115F

### **6 Module, Mitsubishi Diesel Denso SH7058/7058S/7059**

Identification, map area reading/writing, error reading/deleting, checksum correction;  
Denso Mitsubishi 7058/7058S/7059

### **7 Module, Mazda M32r**

Identification, map area reading/writing, full flash reading/writing, error reading/deleting, checksum correction;

Mazda M32r CPU 1.8/2.0/2.5 litres 2008+;  
possible recovery from any state.

### **8 Module, Ford SIM28 and SIM29**

Identification, map area reading/writing, error reading/deleting, checksum correction;  
FOCUS 2, C-MAX, KUGA, FIESTA, FUSION etc., 1.4L-1.6L, from about 2004 to 2009.

### **9 Module, Ford Visteon ESU - 131, 411, 418, Benzin**

Map area reading/writing, error reading/deleting, checksum correction;  
FOCUS 2, C-MAX, etc., 1.8L, 2.0L, 2.3L from about 2004 to 2011.

### **10 Module, Kia / Hyundai SIM2K 140/141/241/341**

Identification, map area writing, full flash reading, error reading/deleting, checksum correction.

### **11 Module, Ford Visteon ESU-312, 412, 415 Benzin**

Identification, map area reading/writing, error reading/deleting;  
MONDEO IV, S-MAX, GALAXY, etc., 1.8L-2.0L, from about 2004 to 2011.

### **13 Module, Mazda Diesel Denso SH7058 (none BGA)**

Identification, map area reading/writing, error reading/deleting;  
RF7x, RF8x ECUs, SH7058

### **14 Module, Ford Diesel Delphi DCM3.5**

Identification, map area reading/writing, error reading/deleting, configuration data reading/writing, virtual reading;

FOCUS (III SERIES) 2.0 16V TdCi (115 HP);

C-MAX (II) 2.0 16V TdCi (115 HP);

GALAXY (III) 2.0 16V TdCi (140/163 HP);

KUGA 2.0 16V TdCi (140/163 HP);

MONDEO (IV SERIES) 1.8 16V TdCi (125 HP);

MONDEO (IV SERIES) 2.0 16V TdCi (115/140/163 HP);

S-MAX 2.0 16V TdCi (115/138/163 HP).

### 15 Module, Ford Bosch ME 9.0 Petrol (Turbo)

Identification, map area writing, error reading/deleting.

### 18 Module, MH8110 Mazda CX7, 3, 6 2010+

Identification, map area reading/writing, error reading/deleting, checksum correction;  
Mazda CX7 2.5 AT 2011 L587EB000L5XA050 L587 18 881B 163hp;  
Mazda CX7 2.3T AT 2010 L3CKEG000L3TB051 L3CK 18 881G 238hp;  
Mazda 3 2.5 AT 2011 L5E8EB000L5XA020 L5E8 18 881B USA;  
Mazda 3 2.0 MT 20xx LFAREB000LFX6050 LFAR 18 881B;  
Mazda 3 2.0 AT 2011 LFJPEA000LFXA060 LFJP 18 881A;  
Mazda 5 2.0 AT 2012 LFFREE000LFXA060 LFFR 18 881E.

### 19 Module, Ford SIM210, SIM22

Map area reading/writing, error reading/deleting, checksum correction;  
FOCUS 2, C-MAX, KUGA, FIESTA, FUSION, etc., 1.3L-1.6L, from about 2004 to 2009.

### 20 Module, Kia/Hundai EDC17

Identification, map area reading (slow)/writing via CAN bus, error reading/deleting, virtual reading, checksum correction;  
EDC17C08 and EDC17CP14 with any TPROT are supported.

### 21 Module, Ford Diesel SID206

Identification, map area reading/writing, error reading/deleting, checksum correction;  
KUGA, MONDEO 6(IV), FOCUS 2(II), GALAXY 2(II), S-MAX, ESCAPE, FIESTA 7(VII), FUSION,  
TRANSIT CONNECT 2005-2010.

### 22 Module, Ford, Siemens VDO EMS2102 and EMS2101

Map area reading/writing, error reading/deleting, checksum correction;  
MONDEO, FIESTA, etc., 1.2L-1.6L.

### 23 Module, Mazda CX5 2.2 Diesel

Identification, map area reading/writing, error reading/deleting, checksum correction;  
configuration data reading/writing;  
Mazda CX5 2.2D

### 24 Module, Mazda 1.3 1.5 1.6 AT/MT Denso 2009+

Identification, map area reading/writing, error reading/deleting, checksum correction;  
configuration data reading/writing, external EEPROM (VIN) reading/writing;  
Mazda 1.3L, 1.5L, 1.6L with automatic and manual transmission.

### 25 Module, Mitsubishi MH8115F

Identification, map area reading/writing, full flash reading/writing, error reading/deleting, checksum correction.

### 27 Module, Ford Bosch MED17.2

Identification, map area reading/writing, error reading/deleting, checksum correction, virtual reading, VBF into BIN conversion.

### 28 Module, Ford EMS2204

Identification, map area writing, full flash reading, error reading/deleting, checksum correction, virtual reading  
Digital signature bypass, VBF into BIN conversion.

### 29 Module, Subaru Hitachi/Unisia Jecs

Identification, map area writing, full flash reading, error reading/deleting, checksum correction;  
Hitachi / Unisia Jecs SH7058 WA12212930WWW, WA12212940WWW, WA12212970WWW.

### 30 Module, Honda/Acura K-line

Identification, map area writing, virtual reading, error reading/deleting, checksum correction.

### 31 Module, Mazda SkyA 2.0 2.5 (Mitsubishi ECU)

Identification, map area reading/writing, error reading/deleting, checksum correction;  
configuration data reading/writing;  
Mazda CX5 2.0 AT 2012 PE2JEF000PE0B061 PE2J 18 881F 150hp;  
Mazda 3 2.0 AT 2013 PSZKE0000PE0B020 USA;  
Mazda 3 2.0 AT 2013 PE2K 18 881N USA;  
Mazda 3 2.0 AT 2013 PE08 18 881N USA;  
PEBB-18881-D - Mazda CX-5 2.0l AT 4WD Mitsubishi;  
PEBA-18881-D - Mazda CX-5 2.0l AT 2WD Mitsubishi.

### 32 Module, VAG K-line

Identification, map area reading/writing, error reading/deleting;  
MAGNETI MARELLI 7GV / 7GVE / 4HV;  
Simos 7.1 / 7PP / 7.1A.

### 33 Module, Mazda SkyA 2.0 2.5 (Denso ECU)

Identification, map area reading/writing, error reading/deleting, checksum correction;  
configuration data reading/writing.

### 34 Module, Nissan Hitachi TCM

Identification, map area reading/writing, virtual reading, error reading/deleting.

### 35 Module, SID208 PSA (Peugeot/Citroen)

Identification, map area writing, full flash reading/writing, EEPROM reading/writing, error reading/deleting, checksum correction.

### **36 Module, Denso SH705x+EEPROM**

Full flash reading/writing, EEPROM reading/writing, checksum correction;  
Denso SH7055, SH7058, SH7059.

### **37 Module, Nissan/Infiniti Hitachi SH705x, SH7253x CAN**

Identification, map area writing, full flash reading, error reading/deleting, checksum correction.

### **38 Module, Honda/Acura CAN**

Identification, map area writing, full flash reading, error reading/deleting, checksum correction.

Matsushita SH7058 1024KB;  
Matsushita SH72543 2048KB;  
Continental MPC5554 2048KB;  
Temic MPC5554 2048KB;  
Keihin MPC5566 3072KB;  
Keihin SH72543 2048KB;  
Keihin SH7058 1024KB;  
Hitachi SH7059 1536KB;  
Hitachi SH72543 2048KB.

### **39 Module, Nissan/Infiniti Hitachi/Unisia Jecs SH705x, K-line**

Identification, map area writing, full flash reading, error reading/deleting, checksum correction

SH705415N;  
SH705507N;  
SH705513N;  
SH705520N;  
SH705524N;  
SH705529N;  
SH705821N;  
SH705823N.

### **40 Module, Suzuki Hitachi SH7058, K-line**

Identification, map area reading/writing, error reading/deleting, checksum correction.

### **41 Module, BMW Bosch F-series E-NET**

Identification, virtual reading, map area writing, error reading/deleting, configuration data reading/writing, checksum correction.

00000316 DDE721b-ME(D)/EDC17;  
0000063C DDE73a-ME(D)/EDC17;

0000076B DDE731a-ME(D)/EDC17;  
000007D0 MEVD17.2;  
00000A0A DDE701a-ME(D)/EDC17;  
00000ABD MEVD17.2.4;  
00000C49 ME17.2;  
00000C9D DDE741a-ME(D)/EDC17;  
00000E2A MEVD17.2.5;  
00000FEE MEVD17.2.6;  
00001218 DDE701P-ME(D)/EDC17;  
0000121F DDE721P-ME(D)/EDC17;  
00001242 MEVD17.2.8;  
00001243 MEVD17.2.4;  
000013E5 MEVD17.2.9;  
00001400 MEVD17.2.4;  
00001501 DDE751-ME(D)/EDC17;  
000017D3 MEVD17.2.6;  
000018FF MEVD17.2.9;  
00001901 MEVD17.2.9;  
00001933 MEVD17.2.9;  
000019A7 MEVD17.2.9;  
000019DC MEVD17.2.G;  
00001A83 MEVD17.2.G;  
00001ABD MEVD17.2.6;  
00001BD5 MEVD17.2.9;  
00001C19 MEVD17.2.6;  
00001CA3 MEVD17.2.9;  
0000208A MEVD17.2.3;  
0000208C MEVD17.2.3;  
000020D5 MEVD17.2.G;  
0000226E DDE741P-ME(D)/EDC17;  
00002666 DDE742-ME(D)/EDC17;  
00003064 ME17.2.4;  
000030BB DME-MEVD17.2.G;  
00003421 ME17.2.4;  
00003747 ME17.2.4;  
00003DE7 MEVD17.2.3

## 42 Module, Renault Gasoline

Identification, map area reading/writing, error reading/deleting, checksum correction.

Logan / Sandero EMS3120 TC1738 [2048KB] CAN;  
Fluence / Megane EMS3120 TC1738 [2048KB] CAN;  
Fluence / Megane EMS3110 TC1766 [1504KB] CAN;  
Kangoo EMS3110 TC1766 [1504KB] CAN;  
Sagem old S3000 SH7055 [512KB] CAN;  
Sagem new S3000 SH7055 [512KB] CAN;  
Valeo V40/V42 SH7058 [1024KB] CAN;  
Duster / X-Ray EMS3125 TC1782 [2560KB] CAN.

### 43 Module, Nissan Hitachi GEN2 2014+ SH72533 CAN

Identification, map area reading/writing, error reading/deleting, checksum correction.

### 44 Module, Toyota Gen1 Test

Identification, map area writing, virtual reading, error reading/deleting, checksum correction.

### 45 Module, Subaru Denso

Identification, map area reading/writing, full flash reading, error reading/deleting, checksum correction.

BRZ SH72531 [1280KB] CAN 2013+;

SH7058 [1024KB] CAN 2007+;

SH7058 [1024KB] K-line 2003+;

SH7055 [512KB] K-line;

SH7055 JDM [512KB] K-line.

### 46 Module, Ford DCU 101/102/104/201

Map area reading/writing, error reading/deleting, checksum correction.

### 47 Module, Ford USA

Identification, map area reading/writing, error reading/deleting, checksum correction.

M799G; PCM170F; PCM150F; PCM190F; Meg9.8.1

### 48 Module, Mazda SkyA 1.5/1.6/2.0/2.5 (Denso Crypto)

Identification, map area reading/writing, error reading/deleting, checksum correction.

Mazda3 / CX5 / 6, 1.5, 2.0, 2.5L SKYACTIV-G Z6 1.6L

### 49 Module, Ford SID208/SID209

Identification, map area writing, full flash reading, virtual reading, error reading/deleting, checksum correction.

Unlocking in BSL required.

### 50 Module, Kia/Hyundai EDC16

Identification, map area writing, error reading/deleting, checksum correction.

EDC16C39-5.41 and EDC16CP34-5.30

### 51 Module, Ford EMS2214

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

### 52 Module, Ford EMS2205

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

Less

### 53 Module, Ford EMS2211

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

Less

### 54 Module, Ford EMS2510/EMS2511

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

VBF into BIN conversion

### 55 Module, Ford DCM6.1 Diesel

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

### 56 Module, VAG MED/EDC 17 UDS

Identification, map area writing, virtual reading, error reading/deleting, checksum correction.

ME(D)17.1/17.5/17.1.1/17.1.6/17.5.5/17.5.20/17.5.21/17.5.22/17.5.24/17.5.25/17.5.26/

EDC17C46/C54/C64/CP04/CP14/CP20/CP24/CP44

### 57 Module, TCM Powershift 6DCT250

Identification, map area reading/writing, virtual reading, error reading/deleting, checksum correction.

### 59 Module, Valeo V46 (Peugeot/Citroen)

Identification, map area reading/writing, error reading/deleting, checksum correction.

### 62 Module, Volkswagen AG TP2.0/KWP2000 FINAL TEST

Identification, virtual reading, map area writing, error reading/deleting, checksum correction.

### 63 Module, Mitsubishi ETACS & ECU Coding

Identification, configuration data reading/writing/editing, error reading/deleting, checksum correction.

Editing of the functions supported in the ECU or ETACS depending on the vehicle, MY, market and firmware. Possible IMMO OFF.

### 65 Module, Suzuki MH8115 MH8114

Identification, full flash reading/writing, checksum correction;



Bench work required

### 66 Module, Ford EMS24xx

Identification, map area reading/writing, error reading/deleting, checksum correction, virtual reading from Ford server, vbf conversion.

### 67 Module, BMW Bosch MED17/EDC17 E series

Identification, virtual reading, map area writing, checksum correction (digital signature bypass), error reading/deleting;

Tabs:

- CAN - for the Master ECU;
- Slave - for writing the second ECU (Slave);
- Stock - for getting back to the stock without using the patch to keep the original CVN, for both Master and Slave ECUs;
- Repair - for emergency situations, for both Master and Slave ECUs.

### 69 Module, Denso Gen2 SH72xx

Identification, full flash reading/writing, checksum correction, error reading/deleting, EEPROM reading/writing;

Bench work required

### 70 Module, Isuzu Transtron

Identification, full flash reading, map area writing, error reading/deleting, checksum correction.

Automatic file size definition. All markets and kinds of vehicles are supported. Reading full takes about 1 hour, writing 10-15 minutes for cars and trucks. Special vehicles writing - 1 hour based on SH7059 processor.

Supported processors: SH7055, SH7058, SH7059, SH72533, SH72544

Supported engines: 4HK1, 4JJ1, 6UZ1, 4JK1, 6HK1

VIN number editing; reading/erasing DTC.

For SH7055 only read via K-Line now is supported. NO WRITING.

All other MCUs SH7058/SH7059/SH72533/SH72544 - reading/writing via K-line and CAN bus.

### 71 Module, Mitsubishi TCM\CVT\AT\4WD\ACD

Identification, full flash reading, map area writing, checksum correction.

### 73 Module, Mercedes MED17\EDC17

Identification, map area reading/writing, full flash writing, virtual reading checksum correction, error reading/deleting.

MED17: virtual reading only. Map area writing for tuned files. Stock files can be written in boot and code from the virtual reading database.

EDC17: virtual and real reading of map area. Map area writing for tuned files. Stock files can be written in boot and code from the virtual reading database.

### 74 Module, Mazda TCM MH8104

Identification, full flash reading/writing, map area writing, error reading/deleting, checksum correction.

ECU cloning on the bench, without opening. TCUs in metal casing are supported, TCUs in plastic casing are not.

### 78 Module, Mazda Gen4 Denso & Mitsubishi SKYACTIV G

Identification, calibration area reading/writing, errors reading/writing, checksum correction.

### 79 Module, Yamaha & Kawasaki SH725xx

Identification, full flash reading/writing, checksum correction;

### 80 Module, Nissan/Renault UDS Hitachi/Bosch/Continental

Identification, calibration area reading/writing, errors reading/writing, checksum correction.

### 81 Module, Mitsubishi EDC17CP52/EDC7C4/EDC16C31

### 82 Module, Isuzu Denso

Identification, Fullflash reading/writing on the bench, map area writing via OBD, error reading/erasing, checksum calculation.

### 85 Module [ Master ], Isuzu Transtron NO READING

Identification, map area writing, error reading/deleting, checksum correction;

Supported processors: SH7058, SH7059, SH72533, SH72544

### 85 Module [ Slave ], Isuzu Transtron

Identification, map area writing, error reading/deleting, checksum correction;

### 86 Module, Isuzu UDS 4JJ3

Identification, virtual reading, calibration area writing, errors reading/writing, checksum correction.

Works in bench mode and via OBD2. ECU opening is not required.

### 86 Module Master Isuzu UDS 4JJ3 (TC265D)

Allows encrypting files for module 86

### 87 Module, Ford TCM PowerStroke

Identification, virtual reading, calibration area writing, errors reading/writing, checksum correction.

### 88 Module, Ford SID211 OBD2

Identification, full image data reading, calibration area writing, errors reading/writing, checksum correction.

### 89 Module, Ford Continental SID208 SID209 OBD

Identification, full image data reading, calibration area writing, errors reading/writing, checksum correction.

Attention! Not all the software versions are supported!

### 94 Module [ Master ], Kawasaki MH8610

### 96 Module [ Slave ], Kawasaki MH8610

### 98 Module, Nissan Hitachi SH72531 EV/HEV

### 100 Module, Nissan Hitachi TCM RE5

### 103 Module, Nissan Hitachi SH72533/SH72543

### 103 Module Master, Nissan Hitachi SH72533/SH72543

Gen1 and Gen2 ECU cloning, file encryption for the slave dongle

### 103 Module Slave, Nissan Hitachi SH72533/SH72543

The module only works together with the master dongle

### 105 Module, Isuzu Delphi

### 106 Module, Denso Gen2 MPC5746R (1N83M) test