

Updating Motorola programmer HC12.

It enables programming in most of units in cars' electronics.

The programmers are made in the most modern SMD technology. Whole process of production is automated. We use the highest quality components in our goods.

It operates :

HC12,HCS12,HCS12X,HCS12XEP.

It enables read / write EEPROM as FLASH.

It operates both secured units and unsecured.

It not needed outside power supply

Cooperates with MBprog program (program for operating the programmer) and MicroCalc (program to read and read in dashboards module CAS and EZS).

Both with programmer pictures are attached (how to connect /CAS/ EZS in dashboard).

The programmer is especially recommended to secured units.. Average time of read secured unit does not take more than 3 – 4 seconds and guarantees very high level of security read data (very often programmers destroy the content of Flash/EEProm memory).

After installing the program, descriptions, documents and Picture are in menu START „DOC“ fold.

List of operated units:

MC9S12D64/DJ64

Masks: 0L86D, 2L86D, 2L86D, 3L86D,4L86D, 0M89C

MC9S12B128/DB128/DJ128/DG128/DT128

Masks: 1L40K, 3L40K, 4L40K, 0L94R,1L59W,5L40K, 0L58S, 0L85D, 1L85D, 0L80R,1L80R, 2L80R, 3L80R

MC9S12DG256/DP256/DT256/H256

Masks:1K78X, 2K78X, 0K79X, 1K79X,2K79X, 0L01Y, 3L91N

MC9S12DP512

Masks:0L00M, 1L00M, 2L00M, 3L00M, 4L00M

MC9S12XDP384

Masks:0L15Y, 1L15Y, 0M84E, 1M84E,0M42E, 1M42E, 2M42E

MC9S12XDP512

Masks:0L15Y, 1L15Y, 0M84E, 1M84E,0M42E, 1M42E, 2M42E

MC68HC(9)12DG128A/DT128A/DC128A

Masks:3K91D

MC68HC(9)12DG128/DT128

Masks:5H55W, 0K50E

MC68HC(9)12D60

Masks:0K13J, 0K75F, 1F68K, 1L28M, 4F73K

Only unsecured:

MC9S12XEQ256

MC9S12XEQ512

0M25J,0M25J,1M25J,2M25J,3M25J

MC9S12XEP768

mask:4M48H,5M48H

MC9S12XEP100

mask:0M22E,1M22E,2M22E,0M48H,1M48H,2M48H,3M48H,4M48H,5M48H

Updating Motorola HC08/HC908

It supports all EZS Mercedes (also secured 4J47Y i 1J35D in W203, W220 ,Sprinter z 2L52H ,1L52H)

Programmer supports mask 2J74Y, 3K85K,0J66D,1H56A,1L87J

Program Read/Write EE

Unsecured:

HC08AZ32 EE Read/Write EE

HC08AZ60 EE Read/Write EE

Secured:

HC08AZ32 EE Read/Write EE

HC08AZ60 EE Read/Write EE

HC08AZ60 EE Read/Write EE

HC08 FLASH Read/Write FLASH