

[CG Pro 9S12](#) upgrade of CG100 for Freescale CG705 711 908 912 9S12  
Series CGDI CG-PRO Support BMW CAS 1-4

The screenshot shows the CG Pro software interface. On the left, the 'Chips' tab is active, displaying the following information:

- Type: Single Chip
- Manufacturer: ST
- Model: 160DQ
- Memory: EEPROM 1024 bytes

The main window displays a memory dump with the following columns: [0][1][2][3][4][5][6][7][8][9][A][B][C][D][E][F] and 0 1 2 3 4 5 6 7 8 9 A B C D E F. The data consists of hexadecimal values (FF) for addresses 00000000 through 00000160.

The screenshot shows the CG Pro software interface. On the left, the 'Chips' tab is active, displaying the following information:

- Type: Storage Chip
- Manufacturer: Motorola
- Model: D10F3634
- Memory: PFLASH 786432 bytes, DFLASH 65536 bytes

The main window displays a memory dump with the same column headers as the first screenshot. The data consists of hexadecimal values (FF) for addresses 00000000 through 00000160.



CG Pro

Models Chips

Function

- Anti-theft Computer
- Dashboard Mileage
- Key Matching

Brand

BMW

Model

- CAS2-1S60Z
- CAS2-2K79X
- CAS2-0L01Y
- CAS3-0L15Y
- CAS3-0M23S
- CAS4-1L15Y
- CAS4-5M48H
- CAS4-1N35H

Key

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Address	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		

Discover Update Available

CG Pro

Models Chips

Function

- Anti-theft Computer
- Dashboard Mileage
- Key Matching

Brand

BMW

Benz

Vaux

Model

- 2015 XC60-1M00F

Not support

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Address	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
000000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.		

Discover Update Available



CG Pro

Models Chips

Function

- Anti-theft Computer
- Dashboard Mileage
- Key Matching

Brand

BMW

Volvo

Model

- EIS-205 (HC08)
- EIS-220/215 (HC08)
- EIS-639 (HC08)

Not support

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Address	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available

CG Pro

Models Chips

Function

- Anti-theft Computer
- Dashboard Mileage
- Key Matching

Brand

BMW

Volvo

Model

- 35080 V2 (1600Q)
- 35080 V3 (35080\_3/6)
- 35080 V4 (35080V7/V6)
- CAS1-0KS0E
- CAS2-2KT9X
- CAS2-0L01Y
- CAS3-0L15Y
- CAS3-0M23S

Adjust mileage

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Address	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available



CG Pro

Models Chips

Function

Dashboard Mileage

Key Matching

Brand

Jaguar / Land Rover

Roewe

No

Model

WV-3802

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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Discover Update Available

CG Pro

Models Chips

Function

Dashboard Mileage

Key Matching

Brand

Jaguar / Land Rover

Roewe

No

Model

WV-3802

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
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00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available



CG Pro

Models Chips

Function

- Multi-User Computer
- Dashboard Mileage
- Key Matching

Brand

- Alfa Romeo / Land Rover
- Roewe
- MG

Model

- RFA-2M53J DFLASH
- RFA-2M53J DFLASH
- EWS-3L40K/4L40K/1L59W
- RFA-1M12S EEPROM
- RFA-2M53J EEPROM

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

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00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available

CG Pro

Models Chips

Function

- Multi-User Computer
- Dashboard Mileage
- Key Matching

Brand

- Jaguar / Land Rover
- Roewe
- MG

Model

- RFA-2M53J

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

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00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available



CG Pro

Models Chips

Function

- Audi - theft Computer
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- Audi / Land Rover
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Model

- RFA-2M53J DFLASH
- RFA-2M53J DFLASH
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Discover Update Available

CG Pro

Models Chips

Function

- Audi - theft Computer
- Dashboard Mileage
- Key Matching

Brand

- Audi
- Peugeot
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Model

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- BCM-1L15Y

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available







CG Pro

Models Chips

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Type

Single Chip

Storage Chip

Manufacturer

Maximela

NEC

Model

- 9S12DT128-1L85D
- HC908AZ80-1J35D
- HC908AZ80-4J74Y
- 9S12DG128-3L40K
- 9S12XEX256-2M53J
- 9S12XEX384-1M12S
- 9S12XHZ512-1M80F

Memory

PFLASH 524288 bytes

EEPROM 4096 bytes

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available

CG Pro

Models Chips

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

Type

Single Chip

Storage Chip

Manufacturer

Maximela

NEC

Model

- 9S12DT128-1L85D
- HC912DG128A-0L05H
- 9S12DT128-1L59W
- 9S12DT128-4L40K
- HC912DG128A-3K91D
- 9S12DT128-1L85D

Memory

PFLASH 524288 bytes

EEPROM 4096 bytes

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available







CG Pro

Models Chips

Function

Intelligent Computer

Gateway Computer

Other

Brand

Boji

Model

CG-212

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available

CG Pro

Models Chips

Function

Intelligent Computer

Gateway Computer

Other

Brand

Volvo

Jaguar / Land Rover

Model

4400-01011

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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00000100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000120	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000140	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Discover Update Available



