

## **Orange-5 Chip list v1.34 [November 2015]**

### **Immo HPX 9V0**

#### **PCF**

PCF7941 Reset

#### **Alfa Romeo**

BSI

147

#### **Audi**

BCM2

Ver.1 uPD70F3239

Ver.1 uPD70F3380

Ver.2 uPD70F3380

Ver.1 uPD70F3634

Dash

A2 VDO crypto 93C86

A3 UKNSI 93C56

A3 VDO '97/99 93C66

A3 VDO crypto 93C86

A3 MM 912DG128

A4 UKNSI0012-003 93C56

A4 UKNSI0014-001 93C56

A4 UKNSI0016-001 93C56

A4 UKNSI '97/98 93C56

A4 VDO '97/99 93C66

A4 VDO '99/01 93C86

A4 MM 912DG128

A6 UKNSI0012-001 93C56

A6 UKNSI0014-001 93C56

A6 UKNSI0016-001 93C56

A6 VDO '97/99 93C66

A6 VDO '99/01 93C86

A6 VDO crypto 93C86

A6 MM 912DG128

S3/S6 MM 912DG128

TT MM 912DG128

Immo

'94/97 4A0 953 234 93C46

Delphi 8D0 953 234 93C46

ECU

'00/04 ECU EDC15 24C04

A3 1.8T 0261204678 24C02  
A4 1.8T 0261204778 24C02  
A4 '02 8E0 909 xxx 95040

### **ELV**

MC68HC908GR16A[4L35K]  
MC68HC908GR16A[0M76Z]

### **BMW**

Dash  
Dash with M35080  
Immo  
EWS-3 HC11EA9 clips [0D46J]  
EWS-3 HC11EA9 wires [0D46J]  
EWS-3 HC11EA9 adap [2D47J]  
EWS-3+ HC11EA9 clip [0D46J]  
EWS-3+ HC11EA9 adap [2D47J]

### **Chery**

All Chery with 0L72A  
All Chery with 0L59X

### **Chevrolet**

Immo  
Captiva MC9S08DZ60 [3M05C]

### **Chrysler**

Immo  
SKIM immobox 24C02  
Ram uPD70F3626

### **Citroen**

BSI  
Berlingo 03/06 BSI v1 95160  
Berlingo 03/06 BSI v2 95160  
Berlingo 03/09 BSI v3 95160  
C2 '03/04 BSI 95160  
C3 '02/04 BSI v1 95160  
C3 '02/04 BSI v2 95160  
C5 '01/04 BSI 912DG128  
C5 '02/04 BSI 95160  
C8 '03/04 BSI 912DG128  
Picasso '03/04 BSI 95160  
Xsara II '01/03 BSI 95040

Immo  
Berlingo Valeo 93C46  
Jumper '99/06 Delphi 93C56  
Jumpy 705E6 [F82B]  
Relay Delphi 93C56  
ECU  
Xsara ECU EDC15C2 95P08

## **DAF**

Immo  
MC68HC908AZ60 [2J74Y]  
MC68HC08AZ32A [2L52H]

## **Dodge**

Immo  
SKIM immobox 24C02

## **Fiat**

Automotive K/CAN  
IMM 009.10  
BSI  
Albea 912DG128 [3K91D]  
Panda '02 BSI [1L40K]  
Stilo 912DG128 [3K91D]  
Stilo BSI [1K79X]  
Strada BSI [1K79X]  
Immo  
IMM001.11 [1K59H]  
IMM009.01 [1K59H]  
IMM009.01 [0L72A]  
IMM100.01 [1K59H]  
IMM110.01 [1K59H]  
Bravo 705E6 [G72G]  
Bravo 705E6 Clips [G72G]  
Bravo 08AZ32 [1H56A]  
Cinquecento '96 93C46  
Coupe '96 immobox BOSCH 93C46  
Ducato Delphi 93C56  
Marea 08AZ32 [1H56A]  
Punto 93C46  
Punto Delphi 93C66  
Scudo 705E6 [F82B]  
Palio '09 [0L72A]  
Seicento Delphi 93C56

ECU  
Scudo '01 JTD EDC15C2 95P08

### **Ford**

BSI  
Focus '03- 9S12XEP768 [5M48H]  
Dash  
4M5T MC9S12H128[1K78X]  
8VT4 MC9S12XHZ256[1M80F]  
ECU  
Focus '00 ECU 77012

### **Gilera**

ECU  
Fouco 500 [ST10F269]

### **Great Wall**

Immo  
With 0L72A

### **Hyundai**

ECU  
Accent KEFICO ECU M95160  
Elantra KEFICO ECU M95160

### **Honda**

Immo  
Acord '06 Immo HIS-5 93C46  
Legend '07 Immo HIS-5 93C46  
Valeo HC05B6 [0F10V]  
Valeo HC05B8 [3D33J]  
Valeo HC705B16 [0D28J]  
KEIHIN 38770-MFJ-D04 93C66

### **Jeep**

Immo  
Grand Cherokee 08AZ32 0J66D  
Grand Cherokee '13 uPD70F3626  
Grand Cherokee '09 uPD70F3629  
SKIM immobox 24C02

### **KIA**

Immo  
'99/01 Immobox 93C46

ECU  
Cerato KEFICO ECU M95160

### **Lancia**

Immo  
Kappa immobox BOSCH 93C46

### **Mahindra**

Automotive K/CAN  
XYLO  
Mazda  
Immo  
Lucas 19AS HC05B8 [3D33J]  
SKLC  
2 '09- MC9S12XDT384  
Demio '09- MC9S12XDT384  
ECU  
6 ECU 93A66

### **Mercedes Benz**

Immo  
Sprinter 05X16 [0D62J]  
Sprinter/Vito 08AZ32 [0J66D]  
Sprinter/Vito 08AZ32A [L52H]  
EZS  
W203 908AZ60 [1J35D]  
W203 908AZ60 [1J35D]  
W203 908AZ60 [4J74Y]  
W220 908AZ60 [1J35D&4J74Y]  
W639 Vito '03/up [1L02M]  
W639 Vito '03/up [3K85K]  
W639 Vito '03/up [4J74Y]

### **Nissan**

Immo  
Immobox with TMS370Cx2x  
BSI  
Skyline [1L15Y] Wires  
Automotive K/CAN  
NATS-2 (Motorola)  
NATS-2+ 5WK4 652  
NATS-4 (TMS)  
NATS-5 (TMS)  
NATS-5 (ST)

NATS-5 (TMS in 5WK48645)

### **Opel**

Immo

Immo HC05B6 [0F10V]

Immo TMS370C002 (PLCC28)

Immo 5WK4 7631[0L72A]

### **Peugeot**

BSI

307 '01/03 BSI912DG128

307 '01/03 BSI912DG128A

307 '02/05 BSI95160

807 '04/05 BSI912DG128

807 '05/06 BSI95128

Immo

Boxer Delphi 93C56

106 Valeo 93C46,

Partner Valeo 93C46

### **Piaggio**

Immo

Vespa '95 AEC302C 705E6 [0F82B]

### **Renault**

Immo

Clio-I immobox Sagem 93C46

Clio-II '98 BMT Sagem 93C46

Kangoo immobox Sagem 93C46

Master '99-01 immobox Sagem 93C46

UCH

Clio III Sport [3L91N]

Megane [4L91N]

IR key

Clio key with MC68HC05K3

### **Rover**

Immo

Valeo HC05B6 [0F10V]

Valeo HC05B8 [3D33J]

Valeo HC705B16 [0D28J]

EWS 9S12DG128 [3L40K]

### **Seat**

## Dash

Cordoba VDO '99/01 93C86  
Cordoba VDO '03/05 93C86  
Cordoba MM 9S12H256  
Ibiza VDO '00 93C66  
Ibiza VDO '99/01 93C86  
Ibiza VDO '03/04 93C86  
Ibiza VDO crypto 93C86  
Ibiza MM 9S12H256  
Ibiza 6J0 920 801A 24C32  
Ibiza 6J0 920 802H 24C64  
Ibiza 6J0 920 804L 24C64  
Leon VDO v.1 93C86  
Leon VDO v.2 93C86  
Leon VDO v.3 93C86  
Leon VDO v.4 93C86  
Toledo VDO v.1 93C86  
Toledo VDO v.2 93C86  
Toledo VDO v.3 93C86  
ECU  
EDC15 '00/04 24C04  
EDC16U1 '04/06 95320  
EDC16U31 '03/05 95320

## Skoda

### Dash

Fabia VDO '00/01 v1 93C86  
Fabia VDO '00/01 v2 93C86  
Fabia VDO '04 93C86  
Fabia VDO crypto 93C86  
Felicia VDO 93C66,  
Felicia VDO '01/02 93C86  
Oktavia VDO 93C66  
Oktavia VDO '00/05 93C86  
Oktavia VDO crypto 93C86  
Roomster VDO crypto 93C86  
SuperB VDO '02/04 93C86  
SuperB VDO crypto 93C86  
ECU  
'00/04 ECU EDC15 24C04  
'05/06 ECU EDC16U1 95320

## SsangYong

Immo

87110-0930 MSP430F1232  
87110-0910 MSP430F1232  
MSP430F1232 (universal)  
VDO MC68HC05B16 [0D60J]

### **Suzuki**

Immo  
Baleno '99- 93C66  
Swift '99- 93C66  
Alto 24C01  
Ignis 24C01  
Jimny 24C01  
SX4 [0L72A]

### **Toyota**

Immo  
Immobox 89780-12070 93C66  
Immobox 89780-20010 24C04  
Immobox 89780-42030 93C66  
ECU  
ECU 89661-50440 93C56

### **VW**

BCM2  
uPD70F3634  
VW Beetle dash  
Beetle 912D60  
Beetle '03/05 912DG128  
Beetle 03/05 912DG128C L05H  
Beetle 05/06 9S12H256 K78X  
VW Beetle ECU  
Beetle EDC16U31 95320  
VW Bora dash  
Bora MOT'99/00 24C02  
Bora VDO 93C66  
Bora VDO '99/00 93C86  
Bora VDO '01 93C86  
Bora VDO '01/03 93C86  
Bora VDO '03/05 93C86  
VW Caravelle ECU  
T5 '04/06 EDC16U1 95320  
T5 '04/06 EDC16U31 95320  
VW Fox dash  
Fox MM 9S12H256



VW Golf dash  
G4 MOT 24C02  
G4 MOT '01/03 24C08  
G4 BOSCH '02/03 24C08  
G4 VDO 93C66  
G4 VDO '99/00 93C86  
G4 VDO '01 93C86  
G4 VDO '01/03 93C86  
G4 VDO '02/03 93C86,  
G4 MOT addr.line 24C02  
G6 5K0 920 870C 24C32  
G6 5K0 920 872A 24C64  
G6 5K0 920 873A 24C64  
VW Jetta dash  
Jetta VDO '00 93C66  
Jetta VDO '99/01 93C86  
Jetta VDO '01 93C86  
VW Passat dash  
Passat B5 MM HC11KG4  
B5 VDO 93C66  
B5 VDO '99/01 93C86  
B6 VDO '01/02 93C86  
B6 VDO '03/04 93C86  
MOT addr. line 24C02  
VW Pointer dash  
Pointer '05/06 93C66  
VW Polo dash  
Polo VDO '01/02 93C86  
Polo VDO '01/04 93C86  
Polo VDO crypto 93C86  
VW Polo ECU  
Polo '04 ECU 1.4 MM 95320  
VW Sharan ECU  
Sharan '00/04 EDC15 24C04  
Sharan 06/07 EDC16U31 95320  
VW Touran ECU  
ECU EDC16U34 '06/07 95320  
VW Transporter dash  
T4 VDO '01/03 93C86  
T5 VDO '03/07 93C86  
VW Transporter ECU  
'00/04 ECU EDC15 24C04  
'03/06 ECU EDC16U1 95320  
'03/07 ECU EDC16U31 95320

Immo  
Fox '08 Brazil 93LC56  
Immo HC05B6 [0F10V]  
Immo HC05B6 [0B91T]  
Immo HC05B8 [3D33J]  
Immo TMS370C002 (PLCC28)  
ECU  
00/04 ECU EDC15  
03/06 ECU EDC16U1  
03/07 ECU EDC16U31  
06/07 ECU EDC16U34

### **EEPROM**

I2C  
24C01  
24C02  
24C04  
24C08  
24C16  
24C32  
24C65  
24C128  
24C256  
24C512  
24LC21

### **MicroWire**

93C06  
93S06  
93C46  
93C46  
93S46  
93C56  
93C56  
93S56  
93C66  
93C66  
93S66  
93C76 WP0  
93C76 WP1  
93C76 WP0  
93C76 WP1  
93C86 WP0  
93C86 WP1

93C86 WP0  
93C86 WP1

**4Wire**

59C11  
59C22  
64C10  
64C20  
64C40  
64C80

**SPI**

25C010  
25C020  
25C040  
25C080  
25C160  
25C320  
25C650  
25C128  
25C256

**Adesto**

AT25SF041

**AKM**

AK6410  
AK6420  
AK6440  
AK6480  
AK93C55  
AK93C65

**Altera**

EPCS1  
EPCS4  
EPCS16  
EPCS16  
EPCS128

**Amic**

A25L512  
A25L40  
A25L080  
A25L80

A25L016  
A25L16  
A25L032  
A25LQ16  
A25LQ32

**Atmel**

AT17C65 FPGA configurators

AT17C128  
AT17C256  
AT17LV65  
AT17LV128  
AT17LV256  
AT24C01  
AT24C01A  
AT24C02  
AT24C04  
AT24C08  
AT24RF08  
AT24C16  
AT24C164  
AT24C21  
AT24C32  
AT24C64  
AT24C128  
AT24C256  
AT24C512  
AT24C1024  
AT25010(8)  
AT25020(8)  
AT25040(8)  
AT25080  
AT25160  
AT25320  
AT25640  
AT25128  
AT25256  
AT25DF021  
AT25DF041  
AT25DF081  
AT25DF161  
AT25DF321  
AT25F512  
AT25F1024

AT25F2048  
AT26DF081  
AT26DF161  
AT26DF321  
AT26F004  
AT34C02  
AT45D011 \* Data Flash  
AT45DB011 \*  
AT45D021 \*  
AT45DB021 \*  
AT45D041 \*  
AT45DB041 \*  
AT45D081 \*  
AT45DB081 \*  
AT45DB161 \*  
AT59C11  
AT93C46  
AT93C56  
AT93C56A  
AT93C56B  
AT93C57  
AT93C66  
AT93C66A  
AT93C66B  
AT93C86

## **BOSCH**

B34AB  
B43AB  
B46AJ  
B49AJ  
B52AP  
B54AH  
B81AB  
B58252  
B58253  
B58256  
B58258  
B58379  
B58380  
B58608  
B58813

## **Catalyst**

CAT1023  
CAT1024  
CAT1025  
CAT24WC08  
CAT24FC32  
CAT24WC32  
CAT24C44  
CAT24WC64  
CAT25C32  
CAT34C02  
CAT35C102  
CAT35C102  
CAT35C104  
CAT35C104  
CAT59C11  
CAT64LC10  
CAT64LC20  
CAT64LC40  
CAT93C46  
CAT93C56  
CAT93C57  
CAT93C57  
CAT93C66  
CAT93C76  
CAT93C86

**Chingis**

Pm25LD512  
Pm25LD010  
Pm25LD020  
PM25LV512  
PM25LV010  
PM25LV020  
PM25LV040  
PM25W020

**Dallas/Maxim**

DS1307  
DS18B20  
DS18B20U (uSOP)  
DS18B20Z (SOIC)  
DS1973  
DS1990  
RW1990

DS1992  
DS1993  
DS2401  
DS2430  
DS2432  
DS2433  
DS2502  
DS ld

## **EON**

EN25B05  
EN25B05T  
EN25F10  
EN25P10  
EN25F20  
EN25B40  
EN25B40T  
EN25F40  
EN25F40 + OTP  
EN25S40  
EN25S40 + OTP  
EN25B80  
EN25B80T  
EN25D80  
EN25D80 + OTP  
EN25F80  
EN25F80 + OTP  
EN25T80  
EN25T80 + OTP  
EN25B16  
EN25F16  
EN25F16 + OTP  
EN25T16  
EN25T16 + OTP  
EN25QH16  
EN25QH16 + OTP  
EN25F32  
EN25F32 + OTP  
EN25M32  
EN25Q32  
EN25Q32 + OTP  
EN25B64 + OTP  
EN25Q64  
EN25Q64 + OTP

**ESMT**

F25L004A

F25L08PA

F25L016A

**EXEL**

XLS24C02

XLS24C04

XL93LC06

XL93LC46A

XL93LC46B

XLS93LC46

XL93LC56

XL93LC56A

XL93LC56B

**Fairchild**

FM24C02

FM24C03

FM24C04

FM24C08

FM24C09

FM24C16

FM24C17

FM93C66

FM93C66A

NM24C02

NM24C03

NM24C04

NM24C05

NM24C08

NM24C09

NM24C16

NM24C17

NM24U17

NM24C32

NM24C65

NM34C02

NM34W02

NM93C86

**Ford**

7002MN010



77005MC  
77005PC  
77007MC  
77014

**Fujitsu**

MB85RC04  
MB85RC16

**GI**

BAW574252  
BAW658049  
ER59256  
ER59C11  
ER1400  
ER1450  
PCD85C82

**GigaDevice**

GD25Q40  
GD25Q80  
GD25Q16  
GD25Q32

**Grundig**

GRN-001  
GRN-002  
GRN-005  
GRS-003  
GRX-008

**HOLTEK**

HT93C46  
HT93C66

**Hynix**

H27U2G8F ECC  
HY27UF081G  
HY27UF081G ECC  
HY27UF084G 512MB, 4 pages  
HY27UF084G ECC 512MB, 4 pages  
HY27UH088G 1GB - 8 pages  
HY27UH088G ECC 1GB - 8 pages  
HY27US08121

HY27US08121 ECC  
HY27US08281  
HY27US08281 ECC  
HY27US08561  
HY27US08561 ECC  
HY27UT084G 512MB, 4 pages  
HY27UT084G ECC 512MB, 4 pages  
HY27UT088G 1024MB, 8 pages  
HY27UT088G ECC 1024MB, 8 pages

### **ITT**

NVM3060  
MDA2061  
MDA2062

### **KHIC**

KH25L4005  
KH25L8036

### **Macronix**

MX25L512  
MX25L1005  
MX25L2005  
MX25L2006  
MX25L2025  
MX25L2026  
MX25L4005  
MX25L4006  
MX25L8005  
MX25L8006  
MX25L1605  
MX25L1606  
MX25L1608  
MX25L1635  
MX25L1636  
MX25L3205  
MX25L3205D  
MX25L3205D + OTP  
MX25L3206  
MX25L6405D  
MX25L6405D + OTP  
MX25L6406  
MX25L6445  
MX25L6445 + OTP

MX25L12805D \*  
MX25L12835E  
MX25L12835E + OTP  
MX25L12845E  
MX25L12845E + OTP  
MX25L25635F

**MicroChip**

24LC00  
24LC01B  
24AA02  
24C02  
24LC02  
24AA04  
24C04  
24LC04  
24AA08  
24LC08  
24AA16  
24LC16  
24AA164  
24LC164  
24LC21  
24AA32  
24C32  
24LC32  
24LC64  
24AA65  
24LC65  
24AA128  
24LC128  
24AA256  
24LC256  
24AA512  
24LC512  
24AA1026  
24FC1026  
24LC1026  
25AA040  
25AA080  
25AA160  
25C040  
25C080  
25C160

25LC040  
25LC080  
25LC160  
25LC320  
25LC640  
25AA1024  
25LC1024  
ER5911  
93C06  
93AA46  
93C46  
93LC46  
93LC46A  
93LC46B  
93AA56  
93AA56A  
93AA56B  
93AA56C  
93C56  
93C56A  
93C56B  
93C56C  
93LC56  
93LC56A  
93LC56B  
93LC56C  
93AA66  
93AA66A  
93AA66B  
93AA66C  
93C66  
93C66A  
93C66B  
93C66C  
93LC66  
93LC66A  
93LC66B  
93LC66C  
93AA76  
93C76  
93LC76  
93AA86  
93C86  
93LC86

HCS200  
HCS300  
MCP79410  
PCD8572

**Micron**

M25PE80  
M25PX16  
M25PX32  
W25PX64  
N25Q016Ax1  
N25Q032Ax1  
N25Q032Ax3  
N25Q064Ax1  
N25Q064Ax3

**Mitsubishi**

M58653P \*  
M58655P \*  
M58657P \*  
M58658P \*  
M6M80011  
M6M80021  
M6M80041

**Motorola**

MCM2814

**NEC**

uPD6252  
uPD6253  
uPD6254

**NSC**

NM93C06  
NM93C13  
NM93C14  
NM93C46  
NM93C56  
NM93C66  
NM93CS56  
NM93CS66  
NMC9306  
NMC9307

NMC9314  
NMC9345  
NMC9346  
NMC93C56  
NMC93C66  
NMC93CS06  
NMC93CS46

**Numonyx**

M25P05A  
M25P16  
M25P128  
M25PE10  
M25PE20  
M25PE40  
M25PE80  
M25PX16  
M25PX32  
W25PX64  
N25Q016Ax1  
N25Q032Ax1  
N25Q032Ax3  
N25Q064Ax1  
N25Q064Ax3  
N25Q128Ax1  
N25Q128Ax3  
QB25F016S33B

**OKI**

MSM16811  
MSM16812  
MSM16851  
MSM16911  
MSM16951

**ON Semi**

CAT1023  
CAT1024  
CAT1025  
CAT24WC08  
CAT24FC32  
CAT24C44  
CAT24C512  
CAT25C32

CAT34C02  
CAT35C102  
CAT35C102  
CAT35C104  
CAT35C104  
CAT59C11  
CAT64LC10  
CAT64LC20  
CAT64LC40  
CAT93C46  
CAT93C56  
CAT93C57  
CAT93C57  
CAT93C66  
CAT93C76  
CAT93C86

**PCT**

PCT25VF032B

**Philips**

PCA8581  
PCD8582  
PCF8582  
PCF8594  
PCF8598  
PCF85116

**Pioneer**

PDG011  
PDH001  
PDH004

**PMC**

Pm25LD512  
Pm25LD010  
Pm25LD020  
PM25LV512  
PM25LV010  
PM25LV020  
PM25LV040  
PM25W020

**Ramtron**

FM24C04  
FM24CL04  
FM24C16  
FM24CL16  
FM24C64  
FM24CL64  
FM24C256  
FM24CL256  
FM24C512  
FM25160  
FM25C160  
FM25L16  
FM25L256

### **Rohm**

BR24C01  
BR24C02  
BR24C32  
BR24C65  
BR9010  
BR9020  
BR9021  
BR9040  
BR9080  
BR9016  
BR93H56  
BR93L56  
BR93LC56  
BR93RL56  
BR93H66  
BR93L66  
BR93LC66  
BR93H76  
BR93H86

### **Samsung**

K9F1208U  
K9F1208U ECC  
K9F1G08U 128MB  
K9F1G08U ECC 128MB  
K9F2808U  
K9F2808U ECC  
K9F2G08U 256MB - 2 pages  
K9F2G08U ECC 256MB - 2 pages



K9F4008  
K9F4G08U 512MB - 4 pages  
K9F4G08U ECC 512MB - 4 pages  
K9F5608U 32MB  
K9F5608U ECC 32MB  
K9F6408U 8MB  
K9F6408U ECC 8MB  
K9G8G08U 1024MB, 8 pages  
K9G8G08U ECC 1024MB, 8 pages  
K9K1G08U  
K9K1G08U ECC  
K9K4G08U 512MB, 4 pages  
K9K4G08U ECC 512MB, 4 pages  
K9K8G08U 1024MB, 8 pages  
K9K8G08U ECC 1024MB, 8 pages  
K9LAG08U 2048MB, 16 pages  
K9LAG08U ECC 2048MB, 16 pages  
KM29W040  
KM93C06  
KM93C07  
KM93C46  
KS24A021  
KS24A041  
KS24L161  
S524A40X21  
CLP300(Printer)

**Seiko**

S-2100R  
S-24C01  
S-24C02  
S-24C04  
S-24C08  
S-24CS16  
S-2430  
S-2444  
S-2445  
S-24CS08  
S-2900A  
S-29130A  
S-29131A  
S-2914  
S-29153  
S-29190A

S-29220A  
S-29255A  
S-29290A  
S-29230A  
S-29330A  
S-29355A  
S-29390A  
S-29430  
S-29530  
S-29590  
S-29630  
S-29690  
S-93C46  
S-93C56  
S-93C66  
S-93C76  
S-93C86

**Siemens**

SDA2506  
SDE2506  
SDA2516  
SDA2526  
SDA2546  
SDA2586

**Sony**

CXK1011  
CXK1012  
CXK1013  
CXK1024

**Spansion**

S25FL001  
S25FL002  
S25FL008  
S25FL016  
S25FL032  
S25FL064A  
S25FL064P  
S25FL128  
S25FL256S  
S99-50084

**SST**

SST25LF020A  
SST25LF040A  
SST25VF512  
SST25VF010  
SST25VF020  
SST25VF040  
SST25VF080  
SST25VF016  
SST25VF016B  
SST25VF032B

**ST**

M24C01  
M24C02  
M24C04  
M24C08  
M24C16  
M24C32  
M24C64  
M24C128  
M24C256  
M25P05 M25P20.hpl  
M25P05A M25P20.hpl  
M25P10 M25P20.hpl  
M25P20  
M25P28  
M25P40 M25P20.hpl  
M25P80 M25P20.hpl  
M25P16  
M25P128  
M25PE10  
M25PE20  
M25PE40  
M25PE80  
M25PX16  
M25PX32  
W25PX64  
M34C02  
M34F04  
M35080  
M35160  
M35560  
M45PE20

M8571  
M93C46  
M93CS46  
M93S46  
M93C56  
M93CS56  
M93S56  
M93C66  
M93CS66  
M93S66  
M93C76  
M93C86  
M95020  
M95040  
M95080  
M95160  
M95160-R  
M95160-V  
M95160-W  
M95320  
M95320-R  
M95320-V  
M95320-W  
M95640  
M95640-R  
M95640-V  
M95640-W  
M95128  
M95128-S  
M95128-V  
M95128-W  
M95256  
M95256-S  
M95256-V  
M95256-W  
M95M01-R  
M95M02-DR  
NAND128  
NAND128 ECC  
NAND256  
NAND256 ECC  
ST24C01  
ST24C02  
ST24W02

ST24C04  
ST24W04  
ST24C08  
ST24C16  
ST24E16  
ST24E32  
ST24W16  
ST25C01  
ST25C02  
ST25C04  
ST25C08  
ST25C16  
ST25E16  
ST25E32  
ST77014  
ST93C46  
ST95010  
ST95011  
ST95020  
ST95021  
ST95022  
ST95040  
ST95041  
ST95080  
ST95160  
ST95320  
ST95640  
ST95128  
ST95P02  
ST95P04  
ST95P08

**Toshiba**

TC89101  
TC89102  
TC89121  
TC97101

**Winbond**

W25D80  
W25P10  
W25P20  
W25P40  
W25P80

W25P16  
W25P32  
W25Q80  
W25Q16  
W25Q32  
W25Q64  
W25Q128  
W25Q256  
W25X10  
W25X20  
W25X40  
W25X80  
W25X16  
W25X32  
W25X64

**Xicor**

X1226  
X24C00  
X24C01  
X2402  
X24C02  
X24C04  
X24C08  
X24C16  
X24164  
X24325  
X24645  
X2430  
X2444  
X25160  
X5043  
X5045

**xUSSR**

1084PP1 \*  
1506PP1 \*  
1609XP1  
1609XP21 \* no need 20V  
1566PP1  
1568PP1  
1568PP2  
1628PP1 \*  
1628PP2 \*

1628PP3  
5509PP02  
558XP3

## **YMC**

Y25F05

## **MCU**

### **Atmel**

AT89C1051 \*  
AT89C2051 \*  
AT89C4051 \*  
AT89S51 \*  
AT89S52 \*  
AT89S53 \*  
AT89S8252 \*  
Attiny4  
Attiny5  
Attiny9  
Attiny10  
ATtiny11 HV  
ATtiny12  
ATtiny12 HV  
ATtiny13  
ATtiny13 HV  
ATtiny15  
ATtiny15 HV \*  
ATtiny24  
ATtiny25  
ATtiny25 HV  
ATtiny26 \*  
ATtiny261  
ATtiny44  
ATtiny45  
ATtiny45 HV  
ATtiny461  
ATtiny84  
ATtiny85  
ATtiny85 HV  
ATtiny861  
ATtiny2313 \*  
AT90CAN32  
AT90CAN64

AT90CAN128  
AT90S1200  
AT90S2313  
AT90S8515  
ATmega103  
ATmega103L  
ATmega128  
ATmega128L  
ATmega1280  
ATmega1281  
ATmega1284A  
ATmega1284PA  
ATmega16  
ATmega16A  
ATmega162  
ATmega164  
ATmega168  
ATmega168A  
ATmega168PA  
ATmega169/LV  
ATmega169P/PV  
ATmega2560  
ATmega2561  
ATmega32 \*  
ATmega324  
ATmega328  
ATmega329  
ATmega3290  
ATmega48  
ATmega48A  
ATmega48PA  
ATmega64 \*  
ATmega640  
ATmega644A  
ATmega644PA  
ATmega649  
ATmega6490  
ATmega8  
ATmega8A  
ATmega8515  
ATmega8535  
ATmega88  
ATmega88A  
ATmega88PA



AT91SAM7S64  
AT91SAM7S128  
AT91SAM7S256

**Fujitsu**

MB90F038S  
MB90F345  
MB90F387S  
MB90F394H  
MB90F395  
MB90F438L/LS  
MB90F439/S  
MB90F455/S  
MB90F456/S  
MB90F457/S  
MB90F462A  
MB90F497/G  
MB90F498G  
MB90F546G/GS  
MB90F548GS  
MB90F562/B  
MB90F568  
MB90F591A  
MB90F594G  
MB90F867ES

**Infineon**

XC2060M-104F  
XC2080-96F  
XC2336B-24F  
XC2336B-40F  
XC2361A-56F  
XC2361A-72F  
XC2765X-72F  
XC2765X-104F

**MediaTek**

MT1389 ext.FLASH 1Mb  
MT1389 ext.FLASH 2Mb  
MT1389 ext.FLASH 4Mb

**MicroChip**

PIC10F200  
PIC10F202

PIC10F204  
PIC10F206  
PIC10F220  
PIC10F222  
PIC12C508  
PIC12C508A  
PIC12C509  
PIC12C509A  
PIC12F508  
PIC12F509  
PIC12F510  
PIC12F609  
PIC12HV609  
PIC12F615  
PIC12HV615  
PIC12F617  
PIC12F629  
PIC12F635  
PIC12F675  
PIC12F683  
PIC12F1822  
PIC16C620  
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PIC16C63  
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PIC16F526  
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PIC18LF46J50  
PIC18F46J53  
PIC18LF46J53  
PIC18F46K20  
PIC18F47J13  
PIC18LF47J13  
PIC18F47J53  
PIC18LF47J53  
PIC18F6527

PIC24F08KA101  
PIC24F08KA102  
PIC24F16KA101  
PIC24F16KA102

**Nordic**

nRF24LU1

**NSC**

CR16MCS9  
CR16MCT9

**Philips**

P89LPC901  
P89LPC902  
P89LPC903  
P89LPC920  
P89LPC921  
P89LPC922

**Renesas R8C**

R5F21112  
R5F21113  
R5F21114  
R5F21244  
R5F21245  
R5F21246  
R5F21247  
R5F21254  
R5F21255  
R5F21256  
R5F21257  
R5F21258  
R5F21262  
R5F21264  
R5F21265  
R5F21266  
R5F21272  
R5F21274  
R5F21275  
R5F21276  
R5F212BA  
R5F212C7  
R5F212C8



R5F212CA  
R5F212CC  
R5F212D7  
R5F212D8  
R5F212DA  
R5F212DC  
R5F21357

**Renesas M16**

M30245FC  
M30624FG  
R5F3650K

**Renesas M32**

M30833FJ  
M30853FH  
M30855FW  
M30873FH  
M30875FH  
M30876FJ  
M30878FJ  
M30879FK  
M30879FL  
M3087BFK  
M3087BFL

**Renesas M32R**

M32192F8  
M32196F8

**Renesas R32C**

R5F64213JFB  
R5F64524KFD

**Renesas V850 UART**

uPD70F3230  
uPD70F3231  
uPD70F3232  
uPD70F3233  
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uPD76F0192

**Renesas V850 SPI**

uPD70F3333  
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uPD76F0117  
uPD76F0192

**Samsung**

S3F9444  
S3F9454  
S3F9488

**SiLabs**

C8051F310  
C8051F311  
C8051F312  
C8051F313

C8051F314  
C8051F315  
C8051F316  
C8051F317  
C8051F320  
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C8051F340  
C8051F341  
C8051F342  
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C8051F34B  
C8051F34C  
C8051F34D  
C8051F350  
C8051F351  
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C8051F353  
C8051F360  
C8051F361  
C8051F362  
C8051F363  
C8051F364  
C8051F365  
C8051F366  
C8051F367  
C8051F368  
C8051F369  
C8051F920  
C8051F921  
C8051F930  
C8051F931

**ST**

ST6220 \*  
ST6230 \*  
ST6232 \*  
ST6240 \*

ST6245 \*  
ST6249 \*  
ST6260 \*  
ST10F168  
ST10F269  
ST10F273  
ST10F275  
ST10F276  
ST10F280  
STM8AF51  
STM8AF6126  
STM8AF6146  
STM8AF6148  
STM8AF6166  
STM8AF6168  
STM8L051F3  
STM8L151K4  
STM8L151K6  
STM8L151R6  
STM8L151R8  
STM8L152C4  
STM8L152C6  
STM8L152C8  
STM8L152K4  
STM8L152K6  
STM8L152R6  
STM8L152R8  
STM8S003F3  
STM8S005C6  
STM8S005K6  
STM8S103F2  
STM8S103F3  
STM8S103K3  
STM8S105K4  
STM8S207C6  
STM8S207C8  
STM8S207CB  
STM8S207MB  
STM8S207RB  
STM8S207S6  
STM8S207S8  
STM8S207SB  
STM8S208S6  
STM8S903K3



STM32F030C6T  
STM32F030C8T  
STM32F030CCT  
STM32F030F4T  
STM32F030K6T  
STM32F030R8T  
STM32F030RCT  
STM32F031C4T  
STM32F031C6T  
STM32F031F4T  
STM32F031F6T  
STM32F050C4T  
STM32F050C6T  
STM32F050F4T  
STM32F050F6T  
STM32F051C4T  
STM32F051C6T  
STM32F051C8T  
STM32F051K4T  
STM32F051K6T  
STM32F051K8T  
STM32F051R4T  
STM32F051R6T  
STM32F051R8T  
STM32F100C4T  
STM32F100C6T  
STM32F100C8T  
STM32F100CBT  
STM32F100R4T  
STM32F100R6T  
STM32F100R8T  
STM32F100RBT  
STM32F101C6T  
STM32F101C8T  
STM32F101CBT  
STM32F101R4T  
STM32F101R6T  
STM32F101R8T  
STM32F101RBT  
STM32F101RCT  
STM32F101RDT  
STM32F101RET  
STM32F101RFT  
STM32F101RGT

STM32F101V8T  
STM32F101VBT  
STM32F101VCT  
STM32F101VDT  
STM32F101VET  
STM32F101VFT  
STM32F101VGT  
STM32F103C4T  
STM32F103C6T  
STM32F103C8T  
STM32F103CBT  
STM32F103R4T  
STM32F103R6T  
STM32F103R8T  
STM32F103RBT  
STM32F103RCT  
STM32F103RDT  
STM32F103RET  
STM32F103RFT  
STM32F103RGT  
STM32F103VFT  
STM32F103VGT  
STM32F205RBT  
STM32F205RCT  
STM32F205RET

TI

MSP430F1121 BSL  
MSP430F122 BSL  
MSP430F122 JTAG  
MSP430F123 BSL  
MSP430F123 JTAG  
MSP430F1232 BSL  
MSP430F1232 JTAG  
MSP430F135 JTAG  
MSP430F2001 JTAG  
MSP430F2011 JTAG  
MSP430F2002 JTAG  
MSP430F2012 JTAG  
MSP430F2003 JTAG  
MSP430F2013 JTAG  
MSP430F2111 JTAG  
MSP430F2121 BSL  
MSP430F2132 BSL

MSP430F2132 JTAG  
TMS370C002  
TMS370C032  
TMS370C036  
TMS370C042  
TMS370C056  
TMS370C058  
TMS370C059  
TMS370C736  
TMS370C756  
TMS370C758  
TMS370C759  
TMS374C003A  
TMS374CD13A  
TMS375C006

**Motorola, Freescale**

MC68HC05  
MC68HC05B4  
MC68HC05B6  
MC68HC05B6 WDT  
MC68HC05B8  
MC68HC05B8 WDT  
MC68HC05B16  
MC68HC05B16 WDT  
MC68HC05B32  
MC68HC05H12  
MC68HC05K3  
MC68HC05L28  
MC68HC05P3 [1E25B]  
MC68HC05X16  
MC68HC05X32  
MC68HC05X32 div5  
MC68HC705B16  
MC68HC705B16 EPROM  
MC68HC705B16N  
MC68HC705B16N EPROM  
MC68HC705B32  
MC68HC705B32 EPROM  
MC68HC705D9  
MC68HC705E6 [F82B]  
MC68HC705E6 [G72G]  
MC68HC705E6 [H51A]  
MC68HC705E6 [F75B]

MC68HC705P3 [F47V]  
MC68HC705P3 [F75B]  
MC68HC705X32  
MC68HC705X32 div5  
MC68HC705X32 EPROM

MC68HC08  
MC68HC08AB16A  
MC68HC08AS20  
MC68HC08AS32  
MC68HC08AS32A  
MC68HC08AZ32  
MC68HC08AZ32A  
MC68HC08AZ32A [1K59H]  
MC68HC08AZ48A  
MC68HC08AZ60 [1J35D]  
MC68HC08AZ60A  
MC68HC908AB32  
MC68HC908AP8A  
MC68HC908AP16A  
MC68HC908AP32A  
MC68HC908AP64  
MC68HC908AS60  
MC68HC908AS60A  
MC68HC908AZ32A  
MC68HC908AZ60  
MC68HC908AZ60 [4J74Y]  
MC68HC908AZ60A  
MC68HC908GP32  
MC68HC908GR16A  
MC68HC908GR32A  
MC68HC908GR48A  
MC68HC908GZ60  
MC68HC908JB8  
MC68HC908JB16  
MC68HC908JK3  
MC68HC908JL3  
MC68HC908JL8  
MC68HC908JL16  
MC68HC908KX2  
MC68HC908LJ12  
MC68HC908LJ24  
MC68HC908LK24  
MC68HC908QC4

MC68HC908QC8  
MC68HC908QC16  
MC68HC908QY2  
MC9RS08KA1  
MC9RS08KA2  
MC9RS08LA8  
MC9S08AC8  
MC9S08AC32  
MC9S08AC48  
MC9S08AC60  
MC9S08AC96  
MC9S08AC128  
MC9S08AW16  
MC9S08AW32  
MC9S08AW48  
MC9S08AW60  
MC9S08DV32  
MC9S08DV96  
MC9S08DZ60  
MC9S08DZ128  
MC9S08EL32  
MC9S08FL16  
MC9S08GB60  
MC9S08GT32  
MC9S08GT60A  
MC9S08JM32  
MC9S08JM60  
MC9S08JS16  
MC9S08QD2  
MC9S08QD4  
MC9S08QE8  
MC9S08QG4  
MC9S08QG8  
MON08

MC68HC11  
MC68HC11A1  
MC68HC11A8  
MC68HC11E1  
MC68HC11E9  
MC68HC11E20  
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MC68HC11EA9  
MC68HC11EA9 [2D47J]

MC68HC11F1  
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MC68HC11KA2  
MC68HC11KA4  
MC68HC11KG4  
MC68HC11KS2  
MC68HC11KW1  
MC68HC11L6  
MC68HC11P2  
MC68HC11PA8  
MC68HC11PH8  
MC68HC711E9  
MC68HC711E9 EPROM  
MC68HC711E20  
MC68HC711E20 EPROM  
MC68HC711EA9  
MC68HC711EA9 EPROM  
MC68HC711PH8

MC68HC12  
MC68HC12BC32  
MC68HC12BE32  
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MC68HC912BC32  
MC68HC912BE32  
MC68HC912D60  
MC68HC912D60A  
MC68HC912D60P  
MC68HC912DG128  
MC68HC912DG128A  
MC68HC912DG128C  
MC68HC912DG128P  
MC68HC912DJ128A  
MC68HC912DT128A  
MC68HC912DT128C  
MC68HC912DT128P  
MC9S12A64  
MC9S12A128  
MC9S12B64  
MC9S12B128  
MC9S12C32  
MC9S12C64  
MC9S12C128

MC9S12D64  
MC9S12DB128  
MC9S12DG128  
MC9S12DG256  
MC9S12DJ64  
MC9S12DJ128  
MC9S12DJ256  
MC9S12DP256  
MC9S12DP512  
MC9S12DT128  
MC9S12DT256  
MC9S12DT512  
MC9S12E64  
MC9S12E128  
MC9S12GC32  
MC9S12H128  
MC9S12H256  
MC9S12HA32  
MC9S12HY64  
MC9S12HZ64  
MC9S12HZ128  
MC9S12HZ256  
MC9S12KG256  
MC9S12P64  
MC9S12P96  
MC9S12P128  
MC9S12XB128  
MC9S12XB256  
MC9S12XD64  
MC9S12XD128  
MC9S12XD256  
MC9S12XDG128  
MC9S12XDG256  
MC9S12XDG512  
MC9S12XDP512  
MC9S12XDT256  
MC9S12XDT384  
MC9S12XDT512  
MC9S12XEG128  
MC9S12XEG384  
MC9S12XEP768  
MC9S12XEP100  
MC9S12XEQ384  
MC9S12XEQ512

MC9S12XET256

MC9S12XET512

MC9S12XF512

MC9S12XHY128

MC9S12XHY256

MC9S12XHZ256

MC9S12XHZ384

MC9S12XHZ512

MC9S12XS64

MC9S12XS128

MC9S12XS256

**HC12 ALL**

\* - Program with Adapter.

Licenses for M08V, TMS370, Renesas V850 are optional.