

## Genius NSP Universal Programmer support chips

### 1.EPROM

#### 1.1 AMD EPROM:

AM2716-12.7v ,AM2716-21.07 ,AM2716-25v ,AM2732-12.7v ,AM2732-21v ,AM2732-25v ,AM2764-21v ,  
AM2764A-12.5v ,AM27128-21v ,AM27128A-12.5 ,AM27128-12.5v ,AM27128p-12.5 ,AM27C128-12.7v ,  
AM27128AF-12.75V ,AM27BV128-12.75v ,AM27C256-12.75v ,AM27C256B-12.75v ,AM27256HV-21v ,  
AM27C256F-12.75v ,AM27BH256-12.75v ,AM27C256P12.75v ,AM27H256-12.75v ,AM27512-12.75v ,  
AM27C512P-12.75v ,AM27C010-12.75v ,AM27H010-12.75v ,AM27C020-12.75v ,AM27C040-12.75v ,  
AM27C080-12.75v ,

#### 1.2 ATMEL EPROM:

AT2716-12.7v ,AT2716-21v ,AT2716-25v ,AT2732-12.7v ,AT2732-21v ,AT2732-25v ,AT27C64-12.7v ,  
AT27HC64-12.7v ,AT27HC64L-12.7v ,AT27C128-12.7v ,AT27BV128-12.7 ,AT27LV128A-12.7v ,  
AT27C128/L-12.7v ,AT27C256/L-12.7v ,AT27C256R-12.7 v ,AT27HC256-12.7v ,AT27HCQ256-12.7v ,  
AT27LV256-12.7v ,AT27C512-12.7v ,AT27HC512-12.7v ,AT27512R32v ,AT27HCQ512L-12.7v ,  
AT27BV512-12.7v ,AT27LV512-12.7v ,AT27C010/L-12.7v ,AT27C010A-12.7v ,AT27LV010A-12.7v ,  
AT27BV010-12.7v ,AT27C020/L-12.7v ,AT27C020A-12.7v ,AT27LV020A-12.7v ,AT27BV020-12.7v ,  
AT27C040-12.75v ,AT27BV040-12.75v ,AT27LV040-12.75v ,AT27C080-12.75v ,

#### 1.3 CATLYST EPROM:

CAT2764A-12.7v ,CAT128A-12.7v ,CAT27C128-12.7v ,CAT27C256-12.7v ,CAT27512-12.7v ,  
CAT27C010 -12.7v ,

#### 1.4 CYPRESS EPROM:

CAT27C128-12.7v ,CAT27H128-12.7v ,CAT27C256-12.7v ,CAT27H256-12.7v ,  
CAT27C512-12.7v ,CAT27C010-12.7v ,CAT27H010-12.7v ,CAT27C020-12.7v ,CAT27C040-12.7v ,

#### 1.5 FUJITUS EPROM:

MBM2716-12.7v ,MBM2716-21v ,MBM2716-25v ,MBM2732-12.7v ,MBM2732-21v ,MBM2732-25v ,  
MBM2764-21v ,MBM27C64-21v ,MBM27128-21v ,MBM27C128-21v ,MBM27256-12.7v ,  
MBM27C256-12.7v ,MBM27C256A-12.7v ,MBM27C256H-12.7v ,MBM27C512-12.7v ,MBM27C1000-12.7v ,  
MBM27C1001-12.7v ,MBM27C2000-12.7v ,MBM27C080-12.7v ,

#### 1.6 GENERNL EPROM:

2716-12.7v ,2716-21v ,2716-25v ,2732-12.7v ,2732-21v ,2732-25v ,2764-21v ,27C64-21v ,  
27128-21v ,27128A/P-12.7v ,27C128-12.7v ,27256-12.7v ,27C256-12.7v ,27256HV21v ,27512-12.7v ,

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27C512-12.7v, 27512HV-21v, 27010-12.7v, 27C010-12.7v, 27C020-12.7v, 27C040-12.7v, 27C080-12.7v,

### 1.7 HITACHI EPROM:

HN27C64-21v, HN27128AG-12.7v, HN27C128-12.7, HN27128P-12.7v, HN27C256-12.7v,  
HN27C256A-12.7v, HN27C256AK-12.7v, HN27C512-12.7v, HN27C512G-12.7, HN27C512P-12.7v,  
HN27C010-25v, HN27C101A-12.7v, HN27V101A-12.7v,

### 1.8 HVUNDAI EPROM:

27C64-12.7v,

### 1.9 ICT EPROM:

27CX256-12.7v, 27CX010-12.7v, 27CX020-12.7v, 27CX040-12.7v,

### 1.10 INTEL EPROM:

2716-12.7v, 2716-21v, 2716-25v, 2732-12.7v, 2732-21v, 2732-25v, 2764-21v,  
27A/C64-21v, 87C64-12.7, 27128-21v, 27128A-12.7v, 27C128-21v, 27256-12.7v,  
87C256-12.7v, 27C512-12.7v, 27010-12.7, 27C010-12.7v, 27010A-12.7v,  
27020-12.7v, 27C020-12.7v, 27040-12.7v, 27C040-12.7v, 27C080-12.7v,

### 1.11 MATUSHITA EPROM:

2764-21v, 27128-21v,

### 1.12 HYUNDAI EPROM:

27C64-12.7v

### 1.13 MICROCHIP EPROM:

27C32-12.7, 27C32A-12.7v, 27HC64-12.7v, 27C64A-12.7v, 27LV64A-12.7v,  
27C128-12.7v, 27C128A-12.7v, 27LV128A-12.7v, 27C256-12.7v, 27HC256-12.7v,  
27LV256-12.7v, 27C512-12.7v,

### 1.14 MITSUBISHI EPROM:

2716-12.7v, 2716-21v, 2716-25v, 2732-12.7v, 2732-21v, 2732-25, M5L2764-21v,  
M5L27128-12.7v, M5L27128K-21v, M5M27C128K-21v, M5M27C256-12.7v, M5M27512K-12.7v,

### 1.15 MXIC EPROM:

MAX2716-12.7v, MX2716-21v, MX2716-25v, MX2732-12.7v, MX2732-21v, MX2732-25v,  
MX27256-12.7v, MX512-12.7v,

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### 1.16 NEC EPROM:

D2716-12.7v, D2716-21v, D2716-25, D2732-12.7v, D2732-21v, D2732-25v, D2764-21v,  
27C64-12.7, D27128-12.7v, D27C128-12.7v, D27C256-21v, D27C256AP-12.7,  
D27C256K-12.7v, D27C256AK-12.7v, D27C256P-12.7v, D27C512-12.7v, D27C512A-12.7v,  
D27C512AK-12.7v, D27C100-12.7v, D27C101-12.7v, D27C1000-12.7, D27C1001-12.7v,  
D27C4001-12.7v,

### 1.1.17 NS EPROM:

NM2716-12.7v, NM2716-21v, NM2716-25v, NM273212.7v, NM2732-21v, NM2732-25v,  
NM27C64-12.7v, NM27C64B-12.7v, NM27C64Q-12.7v, NM27C128-12.7v, NM27C128AN,  
NM27C128B-12.7v, NM27C128BN-12.7v, NM27C128Q-12.7v, NM27C256-12.7v,  
NM27C256BQE-12.7v, NM27C256Q-12.7v, NM27C256BN-12.7v, NM27LC256-12.7v,  
NM27C512A-12.7v,  
NM27C512Q-12.7v, NM27LC512-12.7v, NM27LV512-12.7v, NM27P512-12.7v, NM27128B-12.7v,  
NM27128BN-12.7v, NM27C256-12.7v, NM27C256B-12.7v, NM27C512-12.7, NMC27512-12.7v,  
NM27C512A-12.7v, NM27C010-12.7v, NMC27C020-12.7v, NMC27C040-12.7v,

### 1.18 OKI EPROM:

MSM2716-12.7v, MSM2716-21v, MSM2716-25v, MSM2732-12.7v, MSM2732-21v,  
MSM2732-25v, MSM2764A-12.7v, MSM2764AS-21v, MSM27128A-12.7v, MSM27128AS-21v,  
MSM27256AS-12.7v, MSM27512AS12.7v,

### 1.19 RICOH EPROM:

27C64-21v, 27C256-12.7v,

### 1.20 SEEQ EPROM:

DQ2764-21v, DQ2764A-21v, DQ27128-21v, DQ27C256-21v, DQ27C256-21v,

### 1.21 SEG THMSON EPROM :

M87C257-12.7v, 27C64A-12.7v, 2764-21v, M27128A-12.7v, M27256-12.7v, M27C512-12.7v,

### 1.22 SIGNETIS EPROM:

27C64A-12.7, 27C128-12.7v, 27C512-12.7v,

### 1.23 SMO EPROM:

27C64H-12.7v, 27C128H-12.7v, 27C256-12.7v,

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### 1.24 SONY EPROM:

CXK27C256-12.7v, CXK27C512-12.7v,

### 1.25 TI EPROM:

TMS2764-21v, TMS27C64-12.7v, TMS27PC64-12.7v, TMS27128-21v,

TMS27C128, TMS27CP128-12.7v, TMS27C256-12.7v, TMS27PC256-12.7v, TMS87256-12.7v,

TMS27C512-12.7v, TMS27CP512-12.7v, TMS27C010-12.7v, TMS27C020-12.7v ,TMS27C040-12.7,

### 1.26 TOSHIBA EPROM:

TMM2716-25v, TMM2716-25v, TMM2732-21v, TMM27C32-21v, TMM2764-21v, TMM2764A-12.7v

TMM2764AD-12.7v, TMM2764ADI-12.7v, TMM2764AP12.7v, TMM27128-12.7v, TMM27128A-12.7v,

TMM27128ADI-12.7v, TMM27128AP-12.7v, TMM27256A-12.7v, TMM27256AD-12.7v,

TMM27256B-12.7v, TMM27256D-12.7v, TMM27512-12.7v, TMM27512B-12.7v, TMM27512DI12.7v,

### 1.27 ST EPROM:

2716-12.7v, 2716-21v, 2716-25v, 2732-12.7v, 2732-21v, 2732-25v, 2764-21v, 2764A-12.5v, 27128-21v,

27128A-12.5v, 27128P-12.5v, 27C12812.75v, 27128AF-12.75v, 27BV128-12.75v, 27C256-12.75v,

27C256B-12.75v, 27C256F-12.75v, 27BH256-12.75v, 27C256P-12.75v, 27H256-12.75v, 27512-12.75v,

27C512P-12.7v, 27C010-12.75v, 27H010-12.75v, 27C020-12.75v, 27C040-12.75v,

### 1.28 VLSI EPROM:

VT2716-25v, VT2732-21v, VT27C64-12.7v, VT27128-12.7v, VTC256-12.7v, VT27C512-12.7

### 1.29 WSI EPROM:

WS2716-25V, WS2716-21V, WS27C64F-12.7V, WS27C128F-12.7V, WS27C256F-12.7V,

WS27C256L-12.7V, WS27C512F-12.7V, WS27C512L-12.7V, WS27C010F-12.7V, WS27C010L-12.7V

## 2 EEPROM:

### 2.1 AMD EEPROM:

2816, 2816A,28C16, 2817A,2864A, 2864AE, 28C256, 28F256, 28F256A, 28F512, 28F512A,

28F010, 28F010A, 28F020, 28F020A, 29F256, 29F512, 29F010, 29F020, 29F040, 29F001BX\_B,

29F001BX\_T, 29F002BX\_B, 29F002BX\_T, 29F004BX\_B, 29F004BX\_T, 29F001B, 29F001NB, 29F002B,

29F002NB, 29F004B, 29F004NB,

### 2.2 MACRONIX EEPROM:

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MX28F1000, MX28F2000, MX29F010, MX29F020, MX29F040, MX29F001T/B, MX29F002T/B, MX29F004T/B,

### 2.3 ATMEL EEPROM:

AT2816, AT2816A, AT28C16, AT28C16E, AT28C16F, AT28C17, AT2817A, AT2817E, AT2864A, AT28C64, AT28HC64, AT2864L, AT28PC64, AT28C64B, AT28HC64B, AT28BC64B, AT28PC64B, AT28C64BL, AT28C64E, AT28C64F, AT28C64X, AT28LV64B, AT28C256, AT28HC256, AT28LV256, AT28C257, AT28C257A, AT28C512, AT28LV512, AT28C010, AT28MC010, AT28LV010, AT28C020, AT28MC020, AT28LV020, AT28C040, AT28MC040, AT28F512, AT28F010, AT28F010A, AT28F020, AT29C512, AT29LV512, AT29C010, AT29C010A, AT29BV010, AT29BV010A, AT29LV010, AT29LV010A, AT29C020, AT29LV020, AT29C040A, AT29LV040A, AT29BV040A, AT49F512, AT49F512N, AT49F001, AT49F001N, AT49F001T, AT49F001NT, AT49F002, AT49F002N, AT49F002T, AT49F002NT, AT49F004, AT49F004N, AT49F004T, AT49F004NT, AT49F008, AT49F008N, AT49F008T, AT49F008NT,

### 2.4 WINBOND EEPROM:

W27E257, W27E512, W27E010, W27E020, W27E040, W27C257, W27C512, W27C010, W27C020, W27C040, W28F512, W28F010, W28F020, W28F040, W29C010, W29C010-P32, W29C010-T32, W29C020, W29C020-P32, W29C020-T32, W29C040, W29C040-P32, W29C040-T32, W29EE010, W29EE010-P32, W29EE010-T32, W29EE020, W29EE020-P32, W29EE020-T32, W29EE011, W29EE011-P32, W29EE011-T32, W29EE012, W29EE012-P32, W29EE012-T32, W29EE512, W29EE512-P32, W29EE512-T32,

### 2.5 CATLAST EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, 28C256, 28C512, 28C512I, 28F010, 28F010S, 28F010V, 28F010I, 28F020, 28F020I,

### 2.6 EXEL EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, 28C256, 2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, 28F512, 28F010, 28F010A, 28F020, 28F020A, 29F010, 29F020, 29F040, 29F001T/B, 29F002T/B, 29F004T/B,

### 2.7 FUJITSU EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, 28F512, 28F010, 28F010A, 28F020, 28F020A, 29F010, 29F020, 29F040, 29F001T/B, 29F002T/B, 29F004T/B,

### 2.8 INTEL EEPROM:

2816, 2816A, 28C16, 28C16A, 28C17, 2817A, 2864A, 28C64, 28HC64, 28C256,

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28F256, 28F512, 28F010, 28F020, 28F040, 28F001BX\_B, 28F001BX\_T,

### 2.9 ISSI EEPROM:

IS28F010, IS28F020, IS28F040,

### 2.10 MICROCHIP EEPROM:

2816A, 28C16, 28C17, 2817A, 2817AF, 2864A, 28C64, 28C64A, 28LV64A,  
28PC64, 28HC64, 28C256, 8C256F, 28LV256F, 28F512, 28F010, 28F020,

### 2.11 MITSUBISHI EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, MSM28F101P, MSM28F102P,

### 2.12 NEC EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64, 28C256,

### 2.13 OKI EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64,

### 2.14 SAMSUNG EEPROM:

2816, 2816A, 28C16, 28C16I, 2817A, 28C17, 28C17I, 2864A, 28C64, 28C64A,  
28C64AH, 28HC64I, 28C256, 28C256A, 28C256I

### 2.15 SEEQ EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64,

### 2.16 SEG THMSON EEPROM:

M28F512,

### 2.17 SST EEPROM:

27SF256, 27SF512, 27SF010, 27SF020, 27SF040, 2816, 2816A, 28C16, 28C17, 2817A,  
2864A, 28C64, 28HC64, 28SF256, 28SF512, 28SF010, 28SF020, 29SF040, 29EE512,  
29EE010, 29EE020, 29LE512, 29LE010, 29VE512, 29VE010, 29F256, 29F512, 29F010,  
29F020, 29F040, 39SF512, 39LV512, 39SF512A, 39SF512P, 39SF010, 39LV010,  
39SF010A, 39SF010P, 39SF020, 39LV020, 39SF020A, 39SF020P, 39SF040, 39LV040, 39SF040A, 39SF040P

### 2.18 TI EEPROM:

TMS28F020, TMS29F256, TMS29F512, TMS29F010, TMS29F020, TMS29F040,

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### 2.19 TOSHIBA EEPROM:

TC58257AP, TC58257AP\_LV, TC58F1001PLV,

### 2.20 VLSI EEPROM:

2816, 2816A, 28C16, 28C17, 2817A, 2864A, 28C64, 28HC64,

### 2.21 XICOR EEPROM:

X2816, X2816A, X2816B, X2816BI, X2816BMB, X28C16, X28C17, X2817A, X2864A,  
X2864AI, 2864AT, X2864AM, X2864AMB, X2864B, X2864BM, X2864BI, X2864H, X2864HI,  
X28C64, X28HC64, X28256, X28C256, 28C256, 28C512, X28C010, X28C020, X28C040,

## 3 MPU:

### 3.1 AMD:

87c51, 87c521, 87c541,

### 3.2 TEMIC:

TSC87c51, TSC87c51(P44), TSC87c51(Q44), TSC87c52, TSC87c52(P44),  
TSC87c52(Q44), TSC87c54, TSC87c54(P44), TSC87c54(Q44), TSC87c58,  
TSC87c58(P44), TSC87c58(Q44),

### 3.3 TECHODE:

T89C51, T89C51(P44), T89C51(Q44), T89C516, T89C516(P44), T89C516(Q44),  
T89C52, T89C52(P44), T89C52(Q44), T89C58, T89C58(P44), T89C58(Q44),

### 3.3 VERSACHIP:

V87C51, V87C51(P44), V87C51(Q44), V87C52, V87C52(P44), V87C52(Q44),  
V87C58, V87C58(P44), V87C58(Q44),

### 3.4 ISSI:

IS89C51, IS89C51(P44), IS89C51(Q44), IS89C51A, IS89C51A(P44),  
IS89C51A(Q44), IS89C52, IS89C52(P44), IS89C52(Q44), IS89C52A, IS89C52A(Q44), IS89C52A(Q44),

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### 3.5 ICSI:

IS89C58, IS89E58, IS89C64, IS89E64,

### 3.6 ATMEL:

AT80F51, AT80F51(P44), AT80F51(Q44), AT80F52, AT80F52(P44), AT80F52(Q44),  
AT87F51, AT87F51(P44), AT87F51(Q44), AT87F51RA, AT87F51RA(P44), AT87F51RA(Q44),  
AT87F51RB, AT87F51RB(P44), AT87F51RB(Q44), AT87F51RC, AT87F51RC(P44),  
AT87F51RC(Q44), TS87F51RB2, TS87F51RB2(P44), TS87F51RB2(Q44), TS87F51RC2,  
TS87F51RC2(P44), TS87F51RC2(Q44), TS87F51RD2, TS87F51RD2(P44), TS87F51RD2(Q44),  
AT87LV51, AT87LV51(P44), AT87LV51(Q44), AT87F52, AT87F52(P44), AT87F52(Q44),  
AT87F55, AT87F55(P44), AT87F55(Q44), AT87F55WD, AT87F55WD(P44), AT87F55WD(Q44),  
TS8752X2, TS8752X2(P44), TS8752X2(Q44), TS8754X2, TS8754X2(P44), TS8754X2(Q44),  
TS8758X2, TS8758X2(P44), TS8758X2(Q44), AT89C51, AT89C51(P44), AT89C51(Q44),  
AT89LV51, AT89LV51(P44), AT89LV51(Q44), AT89C52, AT89C52(P44), AT89C52(Q44),  
AT89LV52, AT89LV52(P44), AT89LV52(Q44), AT89C55, AT89C55(P44), AT89C55(Q44),  
AT89C55WD, AT89C55WD(P44), AT89C55WD(Q44), AT89LV55, AT89LV55(P44),  
AT89LV55(Q44), AT89S51, AT89S51(P44), AT89S51(Q44), AT89S52, AT89S52(P44),  
AT89S52(Q44), AT89S53, AT89S53(P44), AT89S53(Q44), AT89C1051, AT89C1051U,  
AT89C1051-S20, AT89LV1051, AT89LV1051U, AT89LV1051U-S20, AT89C2051,  
AT89C2051U, AT89C2051U-S20, AT89LV2051, AT89LV2051U, AT89LV2051U-S20,  
AT89C4051, AT89C4051-S20, AT89LV4051, AT89LV4051-S20, AT90S1200,  
AT90S1200-S20, AT90S1200A, AT90S1200A-S20, AT90S2313, AT90S2313-S20,  
AT90S8515, AT90S8515(P44), AT90S8515(Q44), AT90S4414, AT90S4414(P44),  
AT90S4414(Q44), AT90S2323, AT90S2343, AT90S8535, AT90S8535(P44), AT90S8535(Q44),  
AT90S4433,

### 3.7 LG:

GMS97C51 ,GMS97C52 ,GMS97C54, GSM97C58, GMS97C1051, GMS97C2051, GMS97C4051,

### 3.8 INTEL:

87C51, 87C52 , 87C54, 87C58, 87C51FA, 87C51FB, 87C51FC, 87LC51FA, 87LC51FB, 87LC51FC,  
87C51RA, 87C51RB, 87C51RC, 87C51RD, 87LC51RA, 87LC51RB., 87LC51RC, 87LC51RD,

### 3.9 HPILIPS:

P87C51, P87C51(P44), P87C51(Q44), P87C52, P87C52(P44), P87C52(Q44), P87C54,  
P87C54(P44), P87C54(Q44), P87C58, P87C58(P44), P87C58(Q44), P87C51SB, P87C51SB(P44),  
P87C51SB(Q44), P87C52SB, P87C52SB(P44), P87C52SB(Q44), P87C54SB, P87C54SB(P44),

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P87C54SB(Q44), P87C51SF, P87C51SF(P44), P87C51SF(Q44), P87C52SF, P87C52SF(P44),  
P87C52SF(Q44), P87C54SF, P87C54SF(P44), P87C54SF(Q44), P87C58SF, P87C58SF(P44),  
P87C58SF(Q44), P87C51UB, P87C51UB(P44), P87C51UB(Q44), P87C52UB, P87C52UB(P44),  
P87C52UB(Q44), P87C54UB, P87C54UB(P44), P87C54UB(Q44), P87C58UB, P87C58UB(P44),  
P87C58UB(Q44), P87C51UF, P87C51UF(P44), P87C51UF(Q44), P87C52UF, P87C52UF(P44),  
P87C52UF(Q44), P87C54UF, P87C54UF(P44), P87C54UF(Q44), P87C58UF, P87C58UF(P44),  
P87C58UF(Q44), P87C51FA, P87C51FB, P87C51FC, P87C51FA-1N, P87C51FB-1N, P87C51FC-1N,  
P87C51FA-4N, P87C51FB-4N, P87C51FC-4N, P87C51FA-5N, P87C51FB-5N, P87C51FC-5N,  
P87C51FA-4A, P87C51FB-4A, P87C51FC-4A, P87C51FA-JN, P87C51FB-JN, P87C51FC-JN,  
P87C51RA, 87C51RB, 87C51RC, 87C51RD, P87LC51FA, P87LC51FB, P87LC51FC, P87LC51RA,  
P87LC51RB, P87LC51RC, P87LC51RD, P89C51, P89C51(P44), P89C51(Q44), P89C52, P89C52(P44),  
P89C52(Q44), P89C54, P89C54(P44), P89C54(Q44), P89C58, P89C58(P44), P89C58(Q44), P89C51B,  
P89C51B(P44), P89C51B(Q44), P89C52B, P89C52B(P44), P89C52B(Q44), P89C54B, P89C54B(P44),  
P89C54B(Q44), P89C58B, P89C58B(P44), P89C58B(Q44), P89C51RA+, P89C51RA+(P44),  
P89C51RA+(Q44), P89C51RB+, P89C51RB+(P44), P89C51RB+(Q44), P89C51RC+, P89C51RC+(P44),  
P89C51RC+(Q44), P89C51RD+, P89C51RD+(P44), P89C51RD+(Q44), P89C51RB2, P89C51RB2(P44),  
P89C51RB2(Q44), P89C51RC2, P89C51RC2(P44), P89C51RC2(Q44), P89C51RD2, P89C51RD2(P44),  
P89C51RD2(Q44), P89C51UB, P89C51UB(P44), P89C51UB(Q44), P89C52UB, P89C52UB(P44),  
P89C52UB(Q44), P89C54UB, P89C54UB(P44), P89C54UB(Q44), P89C58UB, P89C58UB(P44),  
P89C58UB(Q44), P89C51UF, P89C51UF(P44), P89C51UF(Q44), P89C52UF, P89C52UF(P44),  
P89C52UF(Q44), P89C54UF, P89C54UF(P44), P89C54UF(Q44), P89C58UF, P89C58UF(P44),  
P89C58UF(Q44), P87LC762BN, P87LC762BD, P87LC762FN, P87LC762FD, P87LC762BDH, P87LC764BN,  
P87LC764BD, P87LC764FN, P87LC764FD, P87LC764BDH, P87LC767BN, P87LC767BD, P87LC767FN,  
P87LC767FD, P87LC767BDH, P87LC768BN, P87LC768BD, P87LC768FN, P87LC768FD, P87LC768BDH,  
P87LC769BN, P87LC769BD, P87LC769FN, P87LC769FD, P87LC769BDH,

### 3.10 WINBOND:

W77E58, W77E58P, W77E58F, W77IE58, W77IE58P, W77IE58F, W77LE58,  
W77LE58P, W77LE58F, W78E51, W78E51P, W78E51F, W78LE51, W78LE51P,  
W78LE51F, W78LE516, W78LE516P, W78LE516F, W78E516B, W78E516BP,  
W78E516BF, W78E51B, W78E51BP, W78E51BF, W78E52, W78E52P, W78E52F,  
W78LE52, W78LE52P, W78LE52F, W78E52B, W78E52BP, W78E52BF, W78E54,  
W78E54P, W78E54F, W78LE54, W78LE54P, W78LE54F, W78E54B, W78E54BP,  
W78E54BF, W78E58, W78E58P, W78E58F, W78LE58, W78LE58P, W78LE58F,  
W78E58B, W78E58BP, W78E58BF,

### 3.11 MICROCHIP: (PIC programming failure rate is high. Not recommend to use)

PIC12C508, PIC12C508A, PIC12C509, PIC12C509A, PIC12CE518, PIC12CE519,

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rfPIC12CE509AG, rfPIC12CE509AG, PIC12F629, PIC12F675, PIC16C52, PIC16C54,  
PIC16C54A, PIC16C54B, PIC16C54c, PIC16CR54A, PIC16CR54B, PIC16CR54C, PIC16C55,  
PIC16C55A, PIC16C55B, PIC16C554, PIC16C556, PIC16C558, PIC16C56A, PIC16C56B,  
PIC16C57, PIC16C57C, PIC16CR57B, PIC16CR57C, PIC16C58, PIC16C58A, PIC16C58B,  
PIC16C61, PIC16C62, PIC16C62A, PIC16C62B, PIC16C620, PIC16C620A, PIC16C621,  
PIC16C621A, PIC16C622, PIC16C622A, PIC16C623, PIC16C624, PIC16C625, PIC16C63,  
PIC16C63A, PIC16C64, PIC16C64A, PIC16C64B, PIC16C65, PIC16C65A, PIC16C65B,  
PIC16C66, PIC16C67, PIC16C71, PIC16C72, PIC16C72A, PIC16C73, PIC16C73A,  
PIC16C73B, PIC16C74, PIC16C74A, PIC16C74B, PIC16C76, PIC16C77, PIC16C710,  
PIC16C711, PIC16C712, PIC16C716, PIC16C745, PIC16C765, PIC16C923, PIC16C924,  
PIC16C925, PIC16C926, PIC16F72, PIC16F73, PIC16F74, PIC16F76, PIC16F77, PIC16F870,  
PIC16F871, PIC16F872, PIC16F873, PIC16F874, PIC16F876, PIC16F877, PIC16F83, PIC16F84,  
PIC16F84A, PIC16CR83, PIC16CR84, CF745,

### 3.12 SST:

SST89C54, SST89C54(P44), SST89C54(Q44), SST89C58, SST89C58(P44), SST89C58(Q44),  
SST89F54, SST89F54(P44), SST89F54(Q44), SST89F58, SST89F58(P44), SST89F58(Q44),

### 3.13 TECHCOD:

T89C51(P44), T89C51(Q44), T89C516, T89C516(P44), T89C516(Q44), T89C52, T89C52(P44),  
T89C52(Q44), T89C58, T89C58(P44), T89C58(Q44),

### 4 PLD:

#### 4.1 ATMEL:

AT16V8, AT20V8, AT22V10, ATF16V8B, AT16V8BL, ATF16V8C, ATF16V8CEXT, ATF16V8CZ,  
ATF20V8, ATF20V8B, ATF20V8BL, ATF20V8BQ, ATF22V10, ATF22V10B, ATF22V10BL, ATF22V10CEXT,  
ATF22V10CQES, ATF22V10CZ,

#### 4.2 LATTICE:

GAL16V8, GAL16V8A, GAL16V8B, GAL16V8C, GAL16V8D, GAL20V8, GAL20V8A, GAL20V8B,  
GAL20V8C,, GAL20V8Z, GAL20PV8, GAL22V10, GAL22V10A, GAL22V10B, GAL22V10C, GAL22V10D,

#### 4.3 NS:

GAL16V8, GAL16V8A, GAL16V8B, GAL16V8QS, GAL16RA8, GAL20V8, GAL20V8A, GAL20V8QS,  
GAL22V10,

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### 4.4 SGS:

GAL16V8, GAL16V8A, GAL16V8B, GAL16V8QS, GAL16V8S, GAL16V8AS, GAL20V8, GAL20V8A,  
GAL20V8AS, GAL20V8QS, GAL20V8S, GAL22V10, GAL22V10A,

### 4.5 VLSI:

VP16V8, VP16V8SL, VP20V8, VP20V8QS, VP22V10, VP22V10AS,

## 5 Serial EEPROM:

### 5.1 ATMEL :

AT24C01, AT24C01-1.8, AT24C01-2.5, AT24C01-2.7, AT24C01A, AT24C01A-1.8, AT24C01A-2.5,  
AT24C01A-2.7, AT24C02, AT24C02-1.8, AT24C02-2.5, AT24C02-2.7, AT24C02A, AT24C02A-1.8,  
AT24C02A-2.5, AT24C02A-2.7, AT24C04, AT24C04-1.8, AT24C04-2.5, AT24C04-2.7, AT24C08,  
AT24C08-1.8, AT24C08-2.5, AT24C08-2.7, AT24C16, AT24C16-1.8, AT24C16-2.5, AT24C16-2.7,  
AT24C164, AT24C164-1.8, AT24C164-2.5, AT24C164-2.7, AT24C32, AT24C32-1.8, AT24C32-2.5,  
AT24C32-2.7, AT24C64, AT24C64-1.8, AT24C64-2.5, AT24C64-2.7, AT24C128, AT93C46, AT93C46-1.8,  
AT93C46-2.5, AT93C46-2.7, AT93C56, AT93C56-1.8, AT93C56-2.5, AT93C56-2.7, AT93C57,  
AT93C57-1.8, AT93C57-2.5, AT93C57-2.7, AT93C66, AT93C66\_1.8, AT93C66-2.5, AT93C66-2.7,

### 5.2 MICROCHIP:

24AA01, 24AA01A, 24C01A, 24LC01A, 24C02A, 24AA02, 24LC02, 24AA04, 24C04A, 24LC04,  
24AA08, 24C08B, 24LC08, 24AA16, 24C016B, 24LC16, 24AA164, 24LC164, 24AA32, 24C32, 24LC32,  
24C64, 24LC65, 24C128, 93C46, 93C56, 93C66, 93C76, 93C86,

### 5.3 NS:

NM24C01, NM24C02, NM24C03, NM24C04, NM24C05, NM24C08, NM24C09, NM24C16, NM24C17,  
NM24C32, NM24C64, NM24C128,

### 5.4 THOMSON:

ST24C01, ST24C02, ST24C04, ST24C08, ST24C16, ST24C32, ST24C64,  
ST24C128

### 5.5 EXEL:

24C01, 24C02, 24C04, 24C08, 24C16, 24C32, 24C64, 24C128,

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### 5.6 XICOR:

X24C01, X24C01A, X24C012, X24C02, X24C022, X24C04, X24C04, X24C08, X24C16,

### 6 TEST RAM:

#### 6.1 AMD:

Am99C88, Am99C328 ,

#### 6.2 Cypress:

CY7C128, CY7B185, CY7B186, CY7C185, CY7C186, CY7B198, CY7B199, CY7C198,  
CY7C199, CY7C108, CY7C109,

#### 6.3 GE:

CDM6116, CDM6118, CDM62256,

#### 6.4 HITACHI:

HM6116, HM6117, HM6118, HM6264, HM62256A, HM62256B, HM62V256, HM62832,  
HM67832EH, HM67832SH, HM628127, HM628128, HM628N128, HM628V128,

#### 6.5 IDT:

IDT6116, IDT6116LA, IDT6116SA, IDT7164, IDT71C65, IDT7174, IDT71256,  
IDT71024, IDT7M824,

#### 6.6 OK:

MSM5126, MSM5127, MSM5128, MSM5128, MSM5165, MSM51256,

#### 6.7 SONY:

CXK5816, CXK5817, CXK5818, CXK5819, CXK58256, CXK58257,  
CXK58266, CXK58267, CXK581000, CXK581020

### 7 TEST TTL & CMOS:

4002 , 4009, 4010, 40106, 4011, 4012, 4013, 4015, 4016, 40161, 40162, 4017,  
40174, 40175, 4018, 4019, 40192, 40193, 4022, 4023, 4024, 4025, 4027, 4028,  
4029, 4030, 4031, 4034, 4040, 4041, 4042, 4043, 4044, 4048, 4049, 4051, 4066,  
4068, 4069, 4070, 4071, 4072, 4073, 4075, 4076, 4077, 4078, 4081, 4082, 4093,  
4501, 4503, 4506, 4510, 4511, 4512, 4514, 4515, 4518, 4519, 4520, 4529 ,4532,  
4543, 4572, 7400, 7401, 7402, 7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410,

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74107, 74109, 74111, 74112, 74113, 7412, 74123, 74125, 74126, 7413, 74132,  
74133, 74136, 74137, 74138, 74139, 7414, 74140, 74147, 74148, 74149, 7415,  
74151, 74153, 74154, 74157, 74158, 7416, 74160, 74161, 74162, 74163, 74164,  
74165, 74166, 7417, 74173, 74174, 74175, 7418, 74181, 74182, 74190, 74191,  
74192, 74193, 74194, 74195, 7420, 7421, 7422, 74237, 74240, 74241, 74242,  
74243, 74244, 74245, 7425, 74251, 74253, 74257, 74258, 74259, 7426, 74260,  
74266, 7427, 74273, 7428, 74280, 74283, 74292, 74293, 74294, 74298, 74299,  
7430, 7432, 74354, 74356, 74365, 74366, 74367, 74368, 7437, 74373, 74374,  
74375, 74377, 7438, 74386, 74390, 74393, 7440, 7442, 7447, 7450, 7451,  
7452, 74533, 74534, 74540, 74541, 7455, 74563, 74564, 74573, 74574, 7458,  
74589, 74595, 74597, 7460, 7461, 7462, 74640, 74643, 74646, 7465, 74688,  
7474, 7485, 7486,