

# Universal Programmer

## Model: TOP 2005



- Can support 3.3 ~ 5V device;
- Using the USB interface, power supply, With the PC through USB universal serial port connected, That is suitable for battery-powered notebook computer use, also suitable for desktop use;
- Perfect over-current protection, effective protection and device programmer;
- Check all pins, you can check out any of the pins of the contact state;
- 40-pin imported universal locking socket;
- Plastic case, small size, light weight, low power consumption;
- Software upgrade flexibility

# Device List Top2005

2716-12.7V, 2716-21V, 2716-25V, 2732-12.7V, 2732-21V, 2732-25V, 2764-12.7V, 27C64-12.7V, P27, 2764-21V, 2764-25V, 27128-12.7V,P27, 27C128-12.7V,P27, 27128-21V, 27256-12.7V,P27, 27C256-12.7V,P27, 27512-12.7V,P27, 27C512-12.7V,P27, 27513-12.7V,P27, 27C513-12.7V,P27, 27C010-12.7V,P27, 27C020-12.7V,P27, 27C040-12.7V,P27, 27C080-12.7V,P27, 27C801-12.7V,

## EPROM-AMD

Am2716-12.7V,P27, Am2716-21V, Am2716-25V, Am2732-12.7V,P27, Am2732-21V, Am2732-25V, Am2764-21V, Am2764A-12.5V,P27, Am27C64-12.5V,P27, Am2128-21V, Am27128A-12.5V, Am27C128-12.7V,P27, Am27256HV-21V, Am27C256-12.75V, Am27C256P-12.75V, Am27H256-12.75V, Am27512-12.75V, Am27512/L-12.75V, Am27C010-12.75V, Am27H010-12.75V, Am27HB010-12.75V, Am27C020-12.75V, Am27C040-12.75V, Am27C080-12.7V,

## EPROM-ATMEL

AT2716-12.7V,P27, AT2716-21V, AT2716-25V, AT2732-12.7V,P27, AT2732-21V, AT2732-25V, AT27HC64-12.7V, AT27HC64L-12.7V, AT27C128-12.7V, AT27C256-12.7V, AT27HC256-12.7V, AT27HC256-12.7V, AT27C512-12.7V, AT27C512R-12.7V, AT27C513-12.7V, AT27C513R-12.7V, AT27C010/L-12.7V, AT27C011-12.7V, AT27C040-12.7V, AT27C080-12.7V,

## EPROM-CATALYST

CAT2764A-12.7V, CAT27128A-12.7V, CAT27C128-12.7V,P27, CAT27C256-12.7V, CAT27512-12.7V, CAT27C010-12.7V,

## EPROM-FUJITSU

MBM2716-12.7V,P27, MBM2716-21V, MBM2716-25V, MBM2732-12.7V,P27, MBM2732-21V, MBM2732-25V, MBM2764-21V, MBM27C64-21V, MBM27128-21V, MBM27C128-21V, MBM27256-12.7V, MBM27C256A-12.7V, MBM27C512-12.7V, MBM27C1000-12.7V, MBM27C1001-12.7V, MBM27C4001-12.7V, MBM27C080-12.7V,

## EPROM-GENERAL

2716-12.7V,P27, 2716-21V, 2716-25V, 2732-12.7V,P27, 2732-21V, 2732-25V, 2764-21V, 27C64-21V, 2764A-12.7V, 27C6A-12.7V, 27128-21V, 27128A-12.7V, 27C128-12.7V,P27, 27256, 27C256, 27256HV-21V, 27512, 27C512, 27512HV-21V, 27513,P27, 27C513,P27, 27010, 27C010,P27, 27011, 27C011,P27, 27101,P27, 27C101,P27, 27C020,P27, 27C040,P27, 27C080,P27,

## EPROM-HITAVHI

HN27C64-21V, HN27128AG-12.7V, HN27128P-21V, HN27/C256,P27, HN27/C512,P27, HN27C101,P27, HN27C301,P27,

## EPROM-ST

27128, 27C128, 27256, 27C256, 27512, 27C512, 27C1000, 27C1001, 27C405, 27C4001, 27C801,

## EPROM-HYUNDAI

27C64-12.7V, 27C128-12.7V, 27C256-12.7V, 27C512,P27, 27C010,P27, 27C020,P27,

## EPROM-ICT

27CX256,P27, 27CX128,P27, 27CX256,P27, 27CX512,P27, 27CX010,P27, 27CX020,P27,

## EPROM-INTEL

i2716-12.7V,P27, i2716-21V, i2716-25V, i2732-12.7V,P27, i2732-21V, i2732-25V, i2764-21V, i27C64-12.7V, i2764A-12.7V, i87C64-12.7V, i27128-21V, i27A128-12.7V, i27C128-12.7V, i27C256-12.7V, i87C256-12.7V, i27C512,P27, i27C010,P27, i27010,P27, i27010A,P27, i27020,P27, i27C040,P27, i27C080,P27,

## EPROM-MATSUSHITA

27C256,P27, 27C128,P27, 27C256,P27, 27C512,P27, 27C010,P27, 27C020,P27,

## EPROM-MICROCHIP

27C64-12.7V, 27C128-12.7V, 27HC256,P27, 27C512,P27, 27513,P27, 27C513,P27, 27C010,P27, 27C020,P27,

## EPROM-MITSUBISHI

M5L2764-21V,P27, M5L27C128-12.7V, M5M27128/K-21V, M5M27K-12.7V, M5MC256-12.7V, M5M27C512,P27, M5M27K512,P27, M5M27C100,P27, M5M27C101,P27, M5M27C102,P27, M5M27C201,P27, M5M27C401,P27,

## EPROM-MXIC

MX2716-12.7V,P27, MX2716-21V, MX2716-25V, MX2732-12.7V,P27, MX2732-21V, MX2732-25V, MX27C256-12.7V, MX27C512-12.7V, MX27C1000-12.7V,

## EPROM-NEC

D2716-12.7V,P27, D2716-21V, D2716-25V, D2732-12.7V,P27, D2732-21V, D2732-25V, D2764-21V, D27C64-12.7V, D27128-21V, D27/C256-21V, D27C256A-12.7V, D27C512,P27, D27C1000,P27, D27C1000A,P27, D27C1001,P27, D27C1001A,P27, D27C2001,P27, D27C4001,P27,

## EPROM-NS

NM2716-12.7V,P27, NM2716-21V,P27, NM2716-25V, NM2732-12.7V,P27, NM2732-21V, NM2732-25V, NM27LC64-12.7V, NM27C256-12.7V, NM27LC256-12.7V, NMC87C257-12.7V, NM27LC512,P27, NM27LV512,P27, NM27P512,P27, NMC27C64,P27, NM27C128/B-12.7V, NMC27C128/B-12.7V, NMC27CP128-12.7V, NMC27C256-12.7V, NMC27C256B-12.7V, NM27C512,P27, NMC27C512,P27, NMC27C512A,P27, NMC27C010,P27, NMC27C020,P27,

#### **\_\_\_\_ EPROM-OKI**

MSM2716-12.7V,P27, MSM2716-21V, MSM2716-25V, MSM2732-12.7V,P27, MSM2732-21V, MSM2732-25V, MSM2764A-12.7V, MSM2764AS-21V, MSM27128A-12.7V, MSM27128AS-21V, MSM27256AS-12.7V, MSM27512AS,P27, MSM271000,P27,

#### **\_\_\_\_ EPROM-RICOH**

27C64-21V, 27C256-12.7V,

#### **\_\_\_\_ EPROM-SAMSUNG**

KM23C4100,P27,

#### **\_\_\_\_ EPROM-SEEQ**

DQ2764-21V,P27, DQ27128-21V, DQ27C256-12.7V,

#### **\_\_\_\_ EPROM-SGS\_THOMSON**

M87C257-12.7V,P27, 27/C64A-12.7V, TS2764-21V, M27128A-12.7V, M27256,P27, M27CC512,P27, M27C1000,P27, M27C1001,P27, M27C2001,P27, M27C4001,P27,

#### **\_\_\_\_ EPROM-SIGNETICS**

27C64A,P27, 27C128,P27, 27C512,P27,

#### **\_\_\_\_ EPROM-SMOS**

27C64H,P27, 27128H,P27, 27C256H,P27,

#### **\_\_\_\_ EPROM-SONY**

CXK27C256,P27, CXK27C512,P27,

#### **\_\_\_\_ EPROM-TI**

TMS2564-25V,P27, TMS2764-21V,P27, TMS27C64-12.7V, TMS27PC64-12.7V, TMS27128-21V, TMS27C128-12.7V, TMS27CP128-12.7V, TMS27C256,P27, TMS27PC256,P27, TMS87257,P27, TMS27C512,P27, TMS27CP512,P27, TMS27C010,P27, TMS27PC010,P27, TMS27C020,P27, TMS27PC020,P27, TMS27C040,P27, TMS27PC040,P27,

#### **\_\_\_\_ EPROM-TOSHIBA**

TMM2716-25V, TMM2732-21V, TMM2764-21V, TMM2764A-12.7V, TMM27128-21V, TMM27128A,P27, TMM27256A,P27, TMM27256AD,P27, TMM27512,P27, TC541000,P27, TC541001,P27, TC571000,P27, TC571001,P27, TC532000,P27, TC572000,P27, TC534000,P27, TC574000,P27,

#### **\_\_\_\_ EPROM-VLSI**

VT2716-25V,P27, VT2732-21V,P27, VT27C64,P27, VT27C128,P27, VT27C256,P27, VT27C512,P27,

#### **\_\_\_\_ EPROM-WSI**

WS2716-25V, WS2732-21V, WS27C512F,P27, WS27C64F,P27, WS57C64F,P27, WS27C128F,P27, WS57C128F,P27, WS57C128FB,P27, WS27C256F,P27, WS27C256L,P27, WS57C256F,P27, WS57C256FB,P27, WS27C512L,P27, WS27C010F,P27, WS27C010L,P27, WS57C65,P27, WS57C257,P27,

#### **\_\_\_\_ EEPROM-AMD**

AM29C257, AM28F256, AM28F512, AM28F010/A, AM28F020/A, AM29F256, AM29F512, AM29F010, AM29F010B, AM29F020, AM29F020B, AM29F040, AM29F040B, AM29LV010B, AM29LV020B, AM29LV040B, AM29F001, AM29F001, AM29F002, AM29F002, AM29F004, AM29F004,

#### **\_\_\_\_ EEPROM-MACRONIX**

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

#### **\_\_\_\_ EEPROM-ATMEL**

AT2816, AT2816A, AT28C16, AT2817A, AT28C17, AT2864A, AT28C64, AT28HC64, AT28C64X, AT28C64L, AT28PC64, AT28C64B, AT28HC64B, AT28LV64B, AT28C256, AT28C257, AT28C64, AT28HC64, AT28C64X, AT28C64L, AT28PC64, AT28C512, AT28C010, AT28C020, AT28C040, AT28C040A, AT28F256, AT28F257, AT28F512, AT28F010, AT28F020, AT29C257, AT29C256, AT29C256, AT29C257, AT29C512, AT29C010, AT29C010A, AT29C020, AT29C040, AT29C040A, AT29LV512, AT29LV010, AT29LV020, AT29LV040, AT29LV040A, AT49F010, AT49F020, AT49F040, AT49F001, AT49F002, AT49F004, AT49LV040\*32PLCC, AT49LV080\*32PLCC, AT49LL020\*32PLCC, AT49LL040\*32PLCC, AT49LL080\*32PLCC,

#### **\_\_\_\_ EEPROM-ACTRANS**

AC39LV512, AC39LV010, AC39LV020, AC39LV040,

#### **\_\_\_\_ EEPROM-WINBOND**

W27E257, W27E512, W27E010, W27E020, W27E040, W27C257, W27C512, W27C010, W27C020, W27C040, W27F257, W27F512, W27F010, W27F020, W27F040, W28F256, W28F257, W28F512, W28F010, W28F020, W29EE010, W29EE011, W29EE012, W29C010, W29C020, W29C040, W49F010, W49F020, W49F040, W49L010, W49L020, W49L040, W49F001, W49F001N, W49F001T, W49F001NT, W49F002, W49F002N, W49F002T, W49F002NT, W49F002U, W49L001, W49L002, W49V002, W49V004, W39V040A, W39V040FA,

#### **\_\_\_\_ EEPROM-CATALYST**

CAT2816, CAT2816A, CAT28C16, CAT2817A, CAT28C17, CAT2864A, CAT28C64, CAT28HC64, CAT28C256, CAT28F512/I, CAT28F512V5/I, CAT28F010/I, CAT28F010V5/I, CAT28F020/I,

**\_\_\_\_EEPROM-DALLAS**

DS1220Y, DS1220AB, DS1220AD, DS1225AB, DS1225AD, DS1225D, DS1225DE, DS1225Y, DS1230Y, DS1230AB, DS1245Y, DS12449, DS1250Y,

**\_\_\_\_EEPROM-EXEL**

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

**\_\_\_\_EEPROM-EMTC**

EM29SF002,

**\_\_\_\_EEPROM-FUJITSU**

2816, 2816A, 28C16, 2817A, 28C17, 2864A, 28C64, 28HC64, 28F256, 28F512, 28F010/A, 28F020/A, 29F010, 29F010A, 29F010B, 29F020, 29F020A, 29F020B, 29F040, 29F040A, 29F040B, MBM29DL800TA\*34DIP, 29F001T/B, 29F002T/B, 29F004T/B,

**\_\_\_\_EEPROM-HITACHI**

HN58C65, HN58C66, HN58C256, HN58C256A, HN58C1001,

**\_\_\_\_EEPROM-INTEL**

i2816, i2816A, i28C16, i2817A, i28C17, i2864A, i28C64, i28HC64, i28F256A, i28F256, i28F512, i28F010, i28F020, i28F040, i28F001BX-T, i28F001BX-B, N82802AA\*32PLCC, N82802AB\*32PLCC, N82802AC\*32PLCC,

**\_\_\_\_EEPROM-ISSI**

IS28F010, IS28F020,

**\_\_\_\_EEPROM-MICROCHIP**

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

**\_\_\_\_EEPROM-MITSUBISHI**

2816, 2816A, 28C16, 2817A, 28C17, 2864A, 28C64, 28HC64, M5M28F101P, M5M28F102P, M5M28C64A,

**\_\_\_\_EEPROM-NEC**

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

**\_\_\_\_EEPROM-OKI**

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

**\_\_\_\_EEPROM-SAMSUNG**

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

**\_\_\_\_EEPROM-SEEQ**

2816, 2816A, 28C16, 2817A, 28C17, 2864A, 28C64, 28HC64, 28C256/A, 28C010,

**\_\_\_\_EEPROM-SGS-THOMSON**

GS28F256, M28F256A, M28F512, M28F101, M28F102, M28F1001, M28F201,

**\_\_\_\_EEPROM-ST**

M50FW002\*32PLCC, M50FW040\*32PLCC, M50FW080\*32PLCC,

**\_\_\_\_EEPROM- SST**

SST27SF256, SST27SF512, SST27SF010, SST27SF020, SST27VF010, SST27VF020, SST37VF512, SST37VF010, SST37VF020, SST37VF040, SST2816, SST2816A, SST28C16, SST2817A, SST28C17, SST2864A, SST28C64, SST28HC64, SST28C256/A, SST28SF040A, SST28VF040A, SST29EE512, SST29EE010, SST29EE020, SST29EE040, SST29LE512, SST29LE010, SST29LE020, SST29LE040, SST29VE512, SST29VE010, SST29VE020, SST29VE040, SST29SF512, SST29SF010, SST29SF020, SST29SF040, SST29VF512, SST29VF010, SST29VF020, SST29VF040, SST39SF512, SST39SF010, SST39SF020, SST39SF040, SST39LF512, SST39LF010, SST39LF020, SST39LF040, SST39VF512, SST39VF010, SST39VF020, SST39VF040, SST49LF002, SST49LF002A, SST49LF003, SST49LF003A, SST49LF004, SST49LF004A, SST49LF008, SST49LF008A, SST49LF020, SST49LF020A, SST49LF030A, SST49LF040, SST49LF040b, SST49LF080A,

**\_\_\_\_EEPROM-TI**

TMS29F256, TMS29F258, TMS29F259, TMS29F010,

**\_\_\_\_EEPROM-TOSHIBA**

TC58257AP, TC58257AP-LV, TC58F1001P,

**\_\_\_\_EEPROM-VLSI**

2816, 2816A, 28C16, 2817A, 28C17, 2864A, 28C64, 28HC64, 28C256/A, 29C010,

**\_\_\_\_EEPROM-MOSEL**

V29C51000T, V29C51001T, V29C51002T, V29C51004T, F29C51000T, F29C51001T, F29C51002T, F29C51004T,

**\_\_\_\_EEPROM-XICOR**

X2816, X2816A, X2816B, X28C16, X28C16A, X28C16B, X2817A, X28C17, X2864A, X28C64, X28HC64, X28C256/A, X28C256, X28C256I, X28HC256, X28TC256, X28VC256, X28C010,

**\_\_\_\_EEPROM-LINKSMART**

LST28001, LST28002, LST28004,

**\_\_\_\_EEPROM-PMC**

PM37VF512, PM37VF010, PM37VF020, PM29F002, PM29F004, PM29LV002, PM29LV004, PM39LV512, PM39LV010, PM39LV020, PM39LV040, PM49FL002, PM49FL004,

**\_\_\_MPU-AMD**

87C51, 87C521, 87C541,

**\_\_\_MPU-ATMEL**

AT80F51, AT80F52, AT87F51, AT87F52, AT87F55WD, AT87F51RC, AT89C51, AT89LV51, AT89C52, AT89LV52, AT89C55, AT89LV55, AT89C55WD, AT89C51RC, AT89S51, AT89LS51, AT89S52, AT89LS52, AT89C1051, AT89LV1051, AT89C2051, AT89LV2051, AT89C4051, AT89LV4051, AT89S8252, AT89LS8252, AT89S8252, AT89LS8252, AT89S53, AT89LS53, AT89C51RB2, T89C51RC2, T89C51RD2, AT90S1200, AT90S2313, AT90S4414, AT90LS4414, AT90S8515, AT90LS8515, AT90S4434, AT90S8535, AT90LS8535, AT90S4434, AT90LS4434, AT90S2333, AT90S4433, ATINY11, ATINY12, ATINY15L, ATINY26, ATINY26L, ATINY28L, ATINY28V, ATMEGA8, ATMEGA8L, ATMEGA16, ATMEGA16L, ATMEGA32, ATMEGA32L, ATMEGA8515, ATMEGA8515L, ATMEGA8535, ATMEGA8535L, ATMEGA48\*PDIP28, ATMEGA88\*PDIP28, ATMEGA168\*PDIP28, ATMEGA161, ATMEGA161L, ATMEGA162, ATMEGA162L, ATMEGA162V, ATMEGA162U, ATMEGA163, ATMEGA163L, AT90S2323, AT90LS2323, AT90S2343, AT90LS2343,

**\_\_\_MPU-DALLAS**

DS87C520, DS89C420, DS89C430, DS89C440, DS89C450,

**\_\_\_MPU-SST**

SST89C54, SST89C58, SST89F54, SST89F58, SST89E554RC, SST89E564RD, SST89V554RC, SST89V564RD,

**\_\_\_MPU-STC**

STC89C58RD, STC89LV58RD, STC89C516RD, STC89LV516RD, C516RD+,

**\_\_\_MPU-SYNCMOS**

SM2952, SM2958, SM2964, SM2965, SM8951A, SM8952A, SM8954C, SM8958C, SM89516C, SM8954A, SM8958A, SM89516A, SSU7301, SM7908, SM79108, SM7964, SM79164, SM5964, SM59264,

**\_\_\_MPU-MOSELVITELIC**

MSU2954, MSU2958, MSU2964, MSU2964as32K, MSU2964as16K, MSU2964as8K, MSU2964as4K,

**\_\_\_MPU-LG**

GMS97C51, GMS97C52, GMS97C54, GMS97C58, GMS97C1051, GMS97C2051,

**\_\_\_MPU-INTEL**

i87C51, i87C52, i87C54, i87C58, i87C51FA, i87C51FB, i87C51FC, i87LC51FA, i87LC51FB, i87LC51FC, i87C51RA+, i87C51RB+, i87C51RC+, i87C51RD+, i87LC51RA+, i87LC51RB+, i87LC51RC+, i87LC51RD+,

**\_\_\_MPU-PHILIPS**

P87C51, P87C52, P87C54, P87C58, P87C51X2, P87C52X2, P87C54X2, P87C58X2, P87C51FA, P87C51FB, P87C51FC, P87LC51FA, P87LC51FB, P87LC51FC, P87C51RA+, P87C51RB+, P87C51RC+, P87C51RD+, P87LC51RA+, P87LC51RB+, P87LC51RC+, P87LC51RD+, P87C591, P89C51Uxxx, P89C52Uxxx, P89C54Uxxx, P89C58Uxxx, P89C51Bx, P89C52Bx, P89C54Bx, P89C58Bx, P89C51X2, P89C52X2, P89C54X2, P89C58X2, P89C51RA+, P89C51RB+, P89C51RC+, P89C51RD+, P89C51RA2Hxx, P89C51RB2Hxx, P89C51RC2Hxx, P89C51RD2Hxx, P89C51RA2B, P89C51RB2B, P89C51RC2B, P89C51RD2B, P89C51RA2F, P89C51RB2F, P89C51RC2F, P89C51RD2F, P89C660, P89C662, P89C664, P89C668, P87LPC759, P87LPC760, P87LPC761, P87LPC762, P87LPC764, P87LPC767, P87LPC768, P87LPC769, P89LPC920, P89LPC921, P89LPC922, P89LPC930, P89LPC931, P89LPC932, P89LPC933, P89LPC934, P89LPC935, V51RA2B, C922SPI,

**\_\_\_MPU-WINBOND**

W78E51, W78E51B, W78E52, W78E52B, W78E54, W78E54B, W78E58, W78E58B, W78LE58, W78E516B, W78LE516, W78LE51, W78LE52, W78LE54, W77E54, W77E58, W77LE58,

**\_\_\_MPU-MICROCHIP**

PIC12C508, PIC12C508A, PIC12C508B, PIC12C509, PIC12C509A, PIC12C509B, PIC12CE518, PIC12CE519, PIC12F508, PIC12F509, PIC12F510, PIC12C671, PIC12C672, PIC12CE673, PIC12CE674, PIC12F629, PIC12F675, PIC12F635-8PIN, PIC12F683-8PIN, PIC16F636-8PIN, PIC16F639-8PIN, PIC16F684-8PIN, PIC16F685-8PIN, PIC16F687-8PIN, PIC16F688-8PIN, PIC16F689-8PIN, PIC16F690-8PIN, PIC16F636-14PIN, PIC16F684-14PIN, PIC16F688-14PIN, PIC16F639-20PIN, PIC16F685-20PIN, PIC16F687-20PIN, PIC16F689-20PIN, PIC16F690-20PIN, PIC16F505, PIC16F506, PIC12F508-new, PIC12F509-new, PIC12F510-new, PIC16F54, PIC16F57, PIC16F630, PIC16F676, PIC16C505, PIC16C54, PIC16HV540, PIC16C54-LP, PIC16C54-XT, PIC16C54-RC, PIC16C54-HS, PIC16C54A, PIC16C54B, PIC16C54C, CF745, PIC16C55, PIC16C55-LP, PIC16C55-XT, PIC16C55-RC, PIC16C55-HS, PIC16C55A, PIC16C55B, PIC16C55C, PIC16C56, PIC16C56-LP, PIC16C56-XT, PIC16C56-RC, PIC16C56-HS, PIC16C56A, PIC16C56B, PIC16C56C, PIC16C57, PIC16C57-LP, PIC16C57-XT, PIC16C57-RC, PIC16C57-HS, PIC16C57A, PIC16C57B, PIC16C57C, CF775, PIC16C58, PIC16C58-LP, PIC16C58-XT, PIC16C58-RC, PIC16C58-HS, PIC16C58A, PIC16C58B, PIC16C58C, PIC16C64, PIC16C64A, PIC16C64B, PIC16C65, PIC16C774, PIC16C65A, PIC16C65B, PIC16C74, PIC16C74A, PIC16C74B, PIC16C71, PIC16C71A, PIC16C71B, PIC16C711, PIC16C712, PIC16C61, PIC16C710, PIC16C620, PIC16C621, PIC16C622, PIC16C715, PIC16C716, PIC16C62, PIC16C62A, PIC16C62B, PIC16C63, PIC16C63A, PIC16C63B, PIC16C73, PIC16C73A, PIC16C73B, PIC16C773, PIC16C66, PIC16C67, PIC16C72, PIC16C72A, PIC16C72B, PIC16C76, PIC16C76A, PIC16C76B, PIC16C77, PIC16C77A, PIC16C77B, PIC16C641, PIC16C642, PIC16C661, PIC16C662, PIC16C554, PIC16C556, PIC16C558, PIC16C717, PIC16F627, PIC16F628, PIC16LF627, PIC16LF628, PIC16F627A, PIC16F628A, PIC16LF627A, PIC16LF628A, PIC16LF648A, PIC16F716, PIC16F72, PIC16F73, PIC16F74, PIC16F76, PIC16F77, PIC16F737, PIC16F747, PIC16F767, PIC16F777, PIC16F83, PIC16CR83, PIC16C84,

PIC16CR84,PIC16F84, PIC16F84A, PIC16F870, PIC16F871, PIC16F872, PIC16F873, PIC16F874, PIC16F876, PIC16F877, PIC16F873A, PIC16F874A, PIC16F876A, PIC16F877A, 18, PIC16F819, PIC12F629,

**\_\_\_MPU-MICON**

MDT2005, MDT2005E, MDT2010, MDT2010E, MDT2015, MDT2020, MDT2020B, MDT10P21A1P, MDT10P21A1S, MDT10P21A2K, MDT10P21A3S, MDT10P22A1P, MDT10P22A1S, MDT10P22A2K, MDT10P22A3S, MDT2051,

**\_\_\_MPU-EMC**

EM78P156E, EM78P256E, EM78P456E, EM78P247SA, EM78P247SB, EM78P447SA, EM78P447SB,

**\_\_\_MPU-VERSACHIP**

V87C54, V87C58,

**\_\_\_MPU-CRESCENTEC**

CR80P100, CR80P200, STK99100,

**\_\_\_MPU-TOPTEK**

T80P54, T80P57, T80P65,

**\_\_\_MPU-ISSI**

IS89C51A, IS89C52A, IS89LV51A, IS89LV52A,

**\_\_\_Serial-???**

93C46, 93C56, 93C66, 93C57, 93C86, 93C46, 93C56, 93C66, 93C76, 93C86, 24C01A, 24C02, 24C04, 24C08, 24C16, 24C32, 24C64, 24C128, 24C256, 24C512,

**\_\_\_Serial-AKM**

93C46, 93C56, 93C66, 93C46, 93C56, 93C66,

**\_\_\_Serial-ATMEL**

AT24C01, AT24C02, AT24C04, AT24C08, AT24C16, AT24C32, AT24C64, AT24C128, AT24C256, AT24C512, AT25010, AT25020, AT25040, AT25080, AT25160, AT25320, AT25640, AT25010A, AT25020A, AT25040A, AT25080A, AT25160A, AT25320A, AT25640A, AT25F512, AT25F1024, AT25F1024A,ACTRANS25, AT25F2048, AT93C46, AT93C56, AT93C66, AT93C86, AT93C46, AT93C56, AT93C66, AT93C86,

**\_\_\_Serial-ACTRANS**

AC25512, AC25LC512, AC25010, AC25LC010,

**\_\_\_Serial-CATALYST**

93C46, 93C46A, 93C46H, 93C46I, 93C46, 93C56, 93C66,

**\_\_\_Serial-EXEL**

XL93C46, XL93C56, XL93C66, XL93CS46, X93C86, X93C46, X93C56, X93C66, X93C86,

**\_\_\_Serial-HYUNDAI**

HY93C46, HY93C46, HY93C46, HY93C56, HY93C66,

**\_\_\_Serial-ICT**

93C46, 93C46A, 93CX46, 93C56, 93CX56, 93C66, 93CX66, 93C46, 93C56, 93C66,

**\_\_\_Serial-ISSI**

93C46/-3, 93C56/-3, 93C66, 93C46, 93C56, 93C66,

**\_\_\_Serial-MICROCHIP**

24C01A, 24LC01, 24C02A, 24LC02, 24C04A, 24LC04, 24LC16, 24C16, 24C32, 24C64, 24C128, 24C256, 24C512, 25C040, 25C080, 25C160, 25C320, 25LC040, 25LC080, 25LC160, 25LC320, 25LC640, 25AA040, 25AA080, 25AA160, 25AA320, 25AA640, 59C11, 93C46, 93C56, 93LC56, 93C66, 93LC66, 93C86, 93C46, 93C46, 93C56, 93C66, 93C86, 93C46A, 93C46B, 93C46C, 93C46C, 93C56A, 93C56B, 93C56C, 93C56C, 93C66A, 93C66B, 93C66C, 93C66C, 93C86A, 93C86B, 93C86C, 93C86C, 93LC46A, 93LC46B, 93LC46C, 93LC46C, 93LC56A, 93LC56B, 93LC56C, 93LC56C, 93LC66A, 93LC66B, 93LC66C, 93LC66C, 93LC86A, 93LC86B, 93LC86C, 93LC86C, 93AA46A, 93AA46B, 93AA46C, 93AA46C, 93AA56A, 93AA56B, 93AA56C, 93AA56C, 93AA66A, 93AA66B, 93AA66C, 93AA66C, 93AA86A, 93AA86B, 93AA86C, 93AA86C,

**\_\_\_Serial-NS**

NMC9346, NMC93C46, NMC93CS46, NMC93C56, NMC93CS56, NMC93C66, NMC93CS66, NM93C46, NM93C56, NM93C66, NM59C11, NM24C02/L, NM24C04/L, NM24C08, NM24C16,

**\_\_\_Serial-SAMSUNG**

KM93C46, KM93C46V, KM93C56, KM93CS56, KM93C57, KM93C66, KM93CS66, KM93C67,

**\_\_\_Serial-ST**

24C01, 24C02A, ST24C04, ST24C08, ST24C16, ST93C46A, ST93C56, ST93C66, ST93C46, ST93C56, ST93C66, ST93C57, ST93C86, ST93C86,

**\_\_\_Serial-SGS-THOMSON**

ST24C01, ST24C02A, ST24C04, ST24C08, ST24C16, ST93C46A, ST93C56, ST93C66, ST93C46, ST93C56, ST93C66, ST93C57, ST93C86, ST93C86,

**Serial-XICOR**

X24C01, X24C01I, X24C01A, X2402, X2402I, X24C02, X24C02I, X2404, X2404I, X24C04, X24C04I, X24C16, X24C16I, X25043(8pin), X25045(8pin), X5043(8pin), X5045(8pin), X5043(14pin), X5045(14pin), X93C46, X93C56, X93C66, X93C86, X93C86, X25043(8pin), X25045(8pin), X5043(8pin), X5045(8pin), X5043(14pin), X5045(14pin),

**Serial-PMC**

PM25010, PM25020, PM25040, PM25080,

**PLD-???**

16V8, 16V8A, 16V8B, 20V8, 20V8A, 20V8B, 22V10, 22V10A,

**PLD-ATMEL**

ATF16V8, ATF16V8B, ATF16V8BL, ATF20V8, ATF20V8B, ATF20V8BL, ATF20V8BQL, ATF22V10, ATF22V10L, ATF22V10B/L,

**PLD-LATTICE**

GAL16V8, GAL16V8A, GAL16V8B, GAL16V8C, GAL16V8D, GAL20V8, GAL20V8A, GAL20V8B, GAL22V10, GAL22V10A,

**PLD-NS**

GAL16V8, GAL16V8A, GAL20V8, GAL20V8A, GAL20V8, GAL22V10,,

**PLD-SGS/THOMSON**

GAL16V8, GAL16V8A, GAL16V8AS, GAL16V8S, GAL20V8, GAL20V8A, GAL20V8AS, GAL20V8S, GAL22V10,

**PLD-VLSI**

VP16V8, VP20V8,

**RAM-STAND**

6116, 6264, 62256, 62512, 628128, 628256, 628512, 2464, 24256, 24512, 24010, 24020, 24040,

**RAM-WINBOND**

W2465, W24128, W24257A, W24257AC, W24M257, W24512A, W24M512, W24M512A, W24M1024, W24010, W24020, W24040,

**RAM-INTEL**

6116, 6264, 62256, 62512, 628128, 628256, 628512,

**RAM-DALLAS**

DS1220Y, DS1220AB, DS1220AD, DS1225AB, DS1225AD, DS1225D, DS1225DE, DS1225Y, DS1230Y, DS1230AB, DS1245Y, DS12449, DS1250Y,

**TEST-Standard**

74xxx, 40xxx, 45xxx,

end 1583,