



ALL-100

Universal and Gang Programmer

A new universal programmer best satisfy your programming needs

Introduction

ALL-100 supports device programming for a variety of device types covering EPROM, EEPROM, Serial PROM, FLASH, PLD/CPLD/FPGA, MPU/MCU, etc. Most of programmable devices in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA package types can be programmed on a DIP48 Programming Module directly or through an appropriate ADAPTER/CONVERTER

ALL-100 features high-tech pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of ALL-100 are fully programmable to meet modern programming /testing needs including newly released low voltage devices in the market

A high speed USB port is provided to connect to the majority of notebook or desktop PC runs on Windows 98se/ Me/ 2000/ XP/ 2003 Server

ALL-100 is a very powerful programmer which could be used either with dedicated x1 Programming Module as single site universal programmer or with x 8 Gang Programmer Module as octal site gang programmer to save future expansion cost ALL-100 is designed to help engineering and production lines to tackle today's challenges in device programming

Features & Benefits

Wide Devices Coverage - Wide rage of programmable devices from 8 pins up to 300 pins covering EPROM, EEPROM, Serial PROM, FLASH,PLD/CPLD/FPGA, MPU/MCU, etc. in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA etc. package types

High Expansion Flexibility - Over 500 ADAPTERs, 150 CONVERTERs can be used with x1 single site programming module or x8 Gang Programming Module to ensure your capital investment retained

Easy to Use - Runs on Windows. After master read or file download from PC, user only needs to select (Blank check, Program, Auto) function from Menu and then hit YES key on programmer to start program function. Operation is very easy

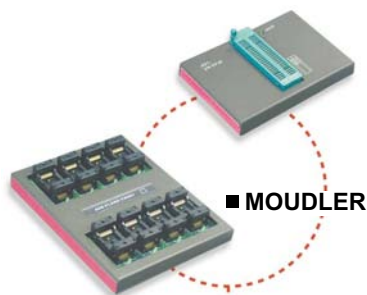
High Reliability - Utilizing proven ALL-11 technology, the programming quality is getting perfect

Excellent Performance - Utilize flexible pin drivers to get accurate waveforms, high programming speed plus over current protection,wrong insertion detection self diagnostic etc. ensures ALL-100 excellent performance

Release New Device Support via Internet Weekly - Your future needs will never be neglected after purchasing

World Wide Service - Distribution channel covers 35 countries worldwide Your problem could be taken care anywhere around the world

Ideal for Engineering as well as Production Environment - Wide device covering range, flexible future expansion capability help users to achieve challenging time-to-market goal



■ MOUDLER



■ ALL-100



SITE NO.

USB PORT

Specification

■ Device Support

Pin Count : from 8 pins up to over 300 pins
Device Type: covering EPROM, EEPROM, Serial PROM, FLASH,
PLD/CPLD/FPGA, MPU/MCU, etc

■ Device Contact

Default - DIP48, Textool.
Others - SOP, TSOP, PLCC, QFP, MLF, SDIP etc. through optional
CONVERTERs or ADAPTERs

■ Programming Site

Single Site : with Optional single-site Programming Module
Multiple Site : with Optional GANG Programming Module

■ Control

Controller - 16 bits high-speed controller with big sized FPGA & CPLD
YES Key - Hit for operation
Indicators - GOOD LED
 BUSY LED

■ Interface Port

1x USB port

■ Data Transfer Rate

USB 1.0/ 1.1 : 12 Mb/S
USB 2.0 : 480 Mb/S

■ Functions

Load file, Read Master, Program, Verify, Auto, ID Check, Checksum ,
Blank Check, Erase, Secure, Protect/Unprotect, Edit, Function Configuration ,
Self Test

■ Host Computer Requirements

- An Intel Pentium or compatible processor with 32MB of RAM.
- At least one USB port available (V 1.0/1.1/ 2.0).
- 5 MB free hard disk space with Windows 98se/Me/2000/XP/2003 Server
- operating system
- CD-ROM Drive

■ Power

AC voltage - 100-240 VAC
Frequency - 50-60 Hz
Power consumption - 0.5A Rating

■ Dimension

L x W x H - 260mm x 150mm x 100mm

■ Weight

4 kg

■ Operating Temperature

0-40 °C (32-105 °F)

■ Safety Standards

CE Approved

Ordering Information

ALL-100

Includes 1x ALL-100 Base Unit (At least one Programming Module is required for operation.) ,
1x USB cable (type A to type B), driver S/W and user manual in CD-ROM

Optional Accessory

AD1-UN-DP48	Single Site Programming Module dedicated for ALL-100
AD8-FLASH-TS48	x8 Gang Programming Module dedicated for ALL-100 Octal Sites FLASH programming
CONVERTERs	Convert signal into different package types covering PLCC, QFP, SOP, TSOP, BGA,...etc ranging from 8 pins to 48 pins. Please refer to CONVERTER LIST on HI-LO web site
ADAPTERs	Support high pin count devices from 48 to over 300 pins. Please refer to ADAPTER LIST on HI-LO web site

Made in Taiwan

ALL100 Device List

Devices shown with an asterisk * require an adapter

ACTRANS

EEPROM/FLASH Device AC29LV004B-E, AC29LV004T-E, AC29LV400B, AC29LV400T, AC39LV010, AC39LV020, AC39LV040, AC39LV080, AC39LV088, AC39LV512, AC39LV800

Serial E/EEPROM Device AC25LV010, AC25LV512

AKM

Serial E/EEPROM Device AK6002A, AK6004A, AK6008A, AK6420A, AK6440A, AK6480A, AK93C45, AK93C46, AK93C57, AK93C65A, AK93C67, AK93C75A, AK93C95A

ALI

EEPROM/FLASH Device M8720

MPU/MCU Device M6759

ALLIANCE

EEPROM/FLASH Device AS29F200B-S, AS29F200B-T, AS29F200T-S, AS29F200T-T, AS29LV400B-T, AS29LV400T-T, AS29LV800B-T, AS29LV800T-T

ALTERA

PLD Device *EP1800I, *EP1810, *EP1830, EP600, EP600I, EP610, EP610I, EP630, EP630I, EP900I, EP910, EP910A, EP910I, *EPC1441LC20, *EPC1441PC8, *EPC1LC20, *EPC1PC8, *EPC2LC20, *EPCS1S18, *EPCS4S18, *EPM3032ALC44, *EPM3032ATC44, *EPM3064ALC44, *EPM3064ATC100, *EPM3064ATC44, *EPM7032AELC44, *EPM7032AETC44, *EPM7064AELC44, *EPM7064AETC44, *EPM7064SLC44, *EPM7064SLC68, *EPM7064SLC84, *EPM7064STC44

AMD

EPROM Device AM27128(21V), AM2716(25V), AM2716B(12.5V), AM27256HV(21V), AM27512, AM2764(21V), AM27C010, AM27C020, AM27C040, AM27C080, AM27C1024, AM27C128, AM27C2048, AM27C256, AM27C4096, AM27C512, AM27H010, AM27H256, AM27HB010, AM27LV010, AM27LV010B, AM27LV020, AM27LV020B, AM27P256

EEPROM/FLASH Device AM28F010, AM28F010A, AM28F020, AM28F020A, AM28F256, AM28F512, AM29DL161DB-E, AM29DL161DT-E, AM29DL162CB-E, AM29DL162CT-E, AM29DL162DB-E, AM29DL162DT-E, AM29DL163CB-E, AM29DL163CT-E, AM29DL163DB-E, AM29DL163DT-E, AM29DL164DB-E, AM29DL164DT-E, AM29DL320GB-E, AM29DL320GT-E, AM29DL322CB-E, AM29DL322CT-E, AM29DL322DB-E, AM29DL322DT-E, AM29DL322GB-E, AM29DL322GT-E, AM29DL323CB-E, AM29DL323CT-E, AM29DL323DB-E, AM29DL323DT-E, AM29DL323GB-E, AM29DL323GT-E, AM29DL324DB-E, AM29DL324DT-E, AM29DL324GB-E, AM29DL324GT-E, AM29DL400BB-E, AM29DL400BT-E, AM29DL640D-E, AM29DL640G-E, AM29DL800B-E, AM29DL800BB-E, AM29DL800BT-E, AM29DL800T-E, AM29F002B, AM29F002BB, AM29F002BT, AM29F002NB, AM29F002NBB, AM29F002NBT, AM29F002NT, AM29F002T, AM29F004BB, AM29F004BT, AM29F010, AM29F010A, AM29F010B, AM29F016-E, AM29F016B-E, AM29F016B-E4, AM29F016D-E, AM29F016D-E4, AM29F017B-E, AM29F017B-E4, AM29F017D-E, AM29F017D-E4, AM29F032B-E, AM29F040, AM29F040B, AM29F080-E, AM29F080B-E, AM29F100B-E, AM29F100T-E, AM29F160DB-E, AM29F160DT-E, AM29F200AB-E, AM29F200AT-E, AM29F200B-E, AM29F200BB-E, AM29F200BT-E, AM29F200T-E, AM29F400AT-E, AM29F400B-E, AM29F400BB-E, AM29F400BT-E, AM29F400T-E, AM29F800AB-E, AM29F800B-E, AM29F800BB-E, AM29F800BT-E, AM29F800T-E, AM29LV001BB, AM29LV001BT, AM29LV002B-E, AM29LV002BB-E, AM29LV002BT-E, AM29LV002T-E, AM29LV004B-E, AM29LV004BB-E, AM29LV004BT-E, AM29LV004T-E, AM29LV008B-E, AM29LV008BB-E, AM29LV008BT-E, AM29LV008T-E, AM29LV010B, AM29LV017B-E, AM29LV017D-E, AM29LV033C-E, AM29LV033MU-E, AM29LV040B, AM29LV081B-E, AM29LV116BB-E, AM29LV116BT-E, AM29LV116DB-E, AM29LV116DT-E, AM29LV128MH-E, AM29LV128ML-E, AM29LV160BB-E, AM29LV160BT-E, AM29LV160DB-E, AM29LV160DB-F, AM29LV160DT-E, AM29LV160MB-E, AM29LV160MT-E, AM29LV200B-E, AM29LV200BB-E, AM29LV200BT-E, AM29LV200T-E, AM29LV256MH-E, AM29LV256ML-E, AM29LV320DB-E, AM29LV320DT-E, AM29LV320MB-E, AM29LV320MH-E, AM29LV320ML-E, AM29LV320MT-E, AM29LV400B-E, AM29LV400BB-E, AM29LV400BT-E, AM29LV400T-E, AM29LV640MB-E, AM29LV640MH-E, AM29LV640ML-E, AM29LV640MT-E, AM29LV641DH-E, AM29LV641DL-E, AM29LV641GH-E, AM29LV641ML-E, AM29LV800BB-E, AM29LV800BT-E, AM29SL160CB-E, AM29SL160CT-E, AM29SL400CB-E, AM29SL400CT-E, AM29SL800CB-E, AM29SL800CT-E, AM29SL800DB-E, AM29SL800DT-E

Serial E/EEPROM Device AM25FL005D, AM25FL010D, AM25FL020D, S25FL004D

MPU/MCU Device 87C51, 87C521, 87C52T2, 87C541

AMI

Serial E/EEPROM Device FS6370

PLD Device PEEL18CV8

AMIC

EPROM Device A27020, A27020A, A275308, A276308A, A277308, A277308A, A278308A, A279308

EEPROM/FLASH Device A290011T, A290011U, A29001T, A290021T, A290021U, A29002T, A29002U, A29010, A29040, A29040A, A29040B, A29400TM, A29400TV, A29400UV, A29512, A29800TM, A29800TV, A29800UM, A29800UV, A29DL163UV, A29DL320FUV, A29L004T, A29L004TW, A29L004U, A29L004UW, A29L008TV, A29L008UV, A29L040, A29L160ATV, A29L160AUV, A29L160FTV, A29L160HTV, A29L160HUV, A29L160TV, A29L160UV, A29L400TV, *A29L400UG, A29L400UV, A29L800ATV, A29L800HTV, A29L800HUV, *A29L800TG, A29L800TV, *A29L800UG, A29L800UV, A49LF004T, A50FW040, A50FW040M, A50LPW040

MPU/MCU Device AP160(87C52), AP180

AMIC(KOERA)

EEPROM/FLASH Device AMI29LV160BT

ANACHIP

Serial E/EEPROM Device AM93LC86

ANALOG

MPU/MCU Device *ADUC812, *ADUC814, *ADUC831, *ADUC834, *ADUC841-5V, *ADUC843-5V

APLUS

Serial E/EEPROM Device AF24BC02, AF24BC04, AF24BC08, AF24BC16, AF93BC46(128*8), AF93BC46(64*16), AF93BC56(128*16), AF93BC56(256*8), AF93BC66(256*16), AF93BC66(512*8)

ASD

EEPROM/FLASH Device AE29F2008, AE49F2008

ASLIC

MPU/MCU Device *AX87C60

AT&T

Serial E/EEPROM Device ATT17128/F, ATT17128A, ATT1736/F, ATT1736A, ATT1765/F, ATT1765A

ATC

Serial E/EEPROM Device ATC24C02, ATC24C02P, ATC24C02S, ATC24C02W, ATC24C04, ATC24C04P, ATC24C04S, ATC24C04W, ATC24C08, ATC24LC02, ATC24LC02P, ATC24LC02S, ATC24LC02W, ATC24LC04, ATC24LC04P, ATC24LC04S, ATC24LC04W, ATC24LC08, ATC24LC16, ATC93C46, ATC93C46S, ATC93C56(128*16), ATC93C56(256*8), ATC93C56S, ATC93C66(256*16), ATC93C66(512*8), ATC93C66S, ATC93LC46, ATC93LC46S, ATC93LC56(128*16), ATC93LC56(256*8), ATC93LC56S, ATC93LC66(256*16), ATC93LC66(512*8), ATC93LC66S

ATMEL

EPROM Device AT27BV010, AT27BV020, AT27BV040, AT27BV1024, *AT27BV400(SO44), AT27BV4096, AT27C010, AT27C010L, AT27C020, AT27C040, AT27C080, AT27C1024/L, AT27C128, AT27C2048, AT27C256, AT27C256R, AT27C4096, AT27C512, AT27C512R, AT27HC1024, AT27HC256R, AT27HC64, AT27HC64L, AT27LV010/A, AT27LV020/A, AT27LV040/A, AT27LV080, AT27LV1024, AT27LV256A, AT27LV256R, AT27LV4096, AT27LV512A, AT27LV512R

EEPROM/FLASH Device AT28BV64, AT28BV64B, AT28C010, AT28C16, AT28C17, AT28C256, AT28C64, AT28C64B, AT28LV010, AT28MC020, AT28MC040, AT29BV010A, AT29BV020, AT29BV040A, AT29C010, AT29C010A, AT29C020, AT29C040A, AT29C1024, AT29C256, AT29C257, AT29C512, AT29LV010A, AT29LV020, AT29LV040A, AT29LV1024, AT29LV256, AT29LV512, AT49BN1604T-T, AT49BV001, AT49BV001A, AT49BV001AN, AT49BV001ANT, AT49BV001AT, AT49BV001N, AT49BV001NT, AT49BV001T, AT49BV002, AT49BV002A, AT49BV002AN, AT49BV002ANT, AT49BV002AT, AT49BV002N, AT49BV002NT, AT49BV002T, AT49BV008AT-T, AT49BV010, AT49BV020, AT49BV040, AT49BV040T, AT49BV080-T, AT49BV080T-R, AT49BV080T-T, AT49BV160-T, AT49BV1604-T, AT49BV160C-T, AT49BV160CT-T, AT49BV160T-T, AT49BV161-T, *AT49BV1614-C, AT49BV1614-T, *AT49BV1614A-C, AT49BV1614A-T, *AT49BV1614AT-C, *AT49BV1614T-C, AT49BV1614T-T, *AT49BV161T-C, AT49BV161T-T, AT49BV162A-T, AT49BV162AT-T, AT49BV163A-T, AT49BV163AT-T, AT49BV2048-T, AT49BV2048A-T, AT49BV320A-T, AT49BV320AT-T, AT49BV320C-T, AT49BV320CT-T, AT49BV320T-T, *AT49BV321-C, AT49BV321-T, *AT49BV3218T-C, *AT49BV321T-C, AT49BV321T-T, *AT49BV322A-C, AT49BV322A-T, *AT49BV322AT-C, AT49BV322AT-T, AT49BV4096-R, AT49BV4096-T, AT49BV4096A-T, AT49BV4096AT-T, AT49BV512, AT49BV6416-T, AT49BV6416T-T, AT49BV802A-T, AT49BV802AT-T, AT49BV8192-R, AT49BV8192-T, AT49BV8192A-T, AT49BV8192AT-T, AT49BV8192T-R, AT49BV8192T-T, AT49F001, AT49F001A, AT49F001AN, AT49F001ANT, AT49F001AT, AT49F001N, AT49F001NT, AT49F001T, AT49F002, AT49F002A, AT49F002AN, AT49F002ANT, AT49F002AT, AT49F002N, AT49F002NT, AT49F002T, AT49F010, AT49F020, AT49F040, AT49F080-R,

AT49F080-T, AT49F1024, AT49F1604-T, AT49F1614-T, AT49F1614T-T, AT49F2048-R, AT49F2048-T, AT49F4096-R, AT49F4096-T, AT49F4096A-R, AT49F4096A-T, AT49F4096AT-T, AT49F512, AT49F8011-T, AT49F8011T-T, AT49F8192-R, AT49F8192-T, AT49F8192A-R, AT49F8192A-T, AT49F8192AT-R, AT49F8192AT-T, AT49F8192T-R, AT49F8192T-T, AT49HVB010, AT49HF010, AT49HLV010, AT49LH002(PLCC), AT49LH002(TSOP), AT49LH004(PLCC), AT49LH004(TSOP), AT49LH00B4(PLCC), AT49LL080(PLCC), AT49LL080(TSOP), AT49LV001, AT49LV001N, AT49LV001NT, AT49LV001T, AT49LV002, AT49LV002N, AT49LV002NT, AT49LV002T, AT49LV008A-T, AT49LV010, AT49LV020, AT49LV040, AT49LV040T, AT49LV080-R, AT49LV080-T, AT49LV1024A, AT49LV1614-T, AT49LV1614A-T, AT49LV2048-T, AT49LV320T-T, AT49LV321-T, AT49LV321T-T, AT49LV4096-T, AT49LV4096A-T, AT49LV8192-T, AT49LV8192A-T, AT49LV8192AT-T, AT49LV8192T-T, AT49LW040(PLCC), AT49LW040(TSOP), AT49LW080(PLCC), AT49LW080(TSOP), *AT52BR3248T-C

Serial E/EEPROM Device AT17C002, AT17C002A, AT17C010, AT17C010A, AT17C020, AT17C020A, AT17C128, AT17C128A, AT17C256, AT17C256A, AT17C512, AT17C512A, AT17C65, AT17C65A, AT17F040, AT17F040A, AT17F080, AT17F080A, AT17LV002, AT17LV002A, AT17LV010, AT17LV010A, AT17LV020, AT17LV020A, AT17LV040, AT17LV128, AT17LV128A, AT17LV256, AT17LV256A, AT17LV512, AT17LV512A, AT17LV65, AT17LV65A, AT17N002, AT17N010, AT17N040, AT17N256, AT17N512, AT24C01, AT24C01A, AT24C02, AT24C02A, AT24C04, AT24C04A, AT24C08, AT24C08A, AT24C1024, AT24C128, AT24C16/AT24C164, AT24C16A, AT24C21, AT24C256, AT24C32, AT24C32A, AT24C512, AT24C64, AT24C64A, AT24RF08, AT25010, AT25010A, AT25020, AT25040, AT25080, AT25080A, AT25128, AT25128A, AT25160, AT25256, AT25320, AT25640, AT25640A, AT25C01, AT25C02, AT25C04, AT25F1024A, AT25F1024N, AT25F2048, AT25F512A, AT25F512N, AT25HP256, AT25HP512, AT25P1024(SOP), AT26DF041, AT34C02, AT45BCM021B(SOP), AT45D021(PLCC), AT45D021(SOP), AT45D021(TSOP), AT45D041(PLCC), AT45D041(SOP), AT45D041(TSOP), AT45D041A(SOP), AT45D081(SOP), AT45D081(TSOP), AT45D161(PLCC), AT45D161(SOP), AT45D161(TSOP), AT45DB011(PLCC), AT45DB011(SOP), AT45DB011(TSSOP), AT45DB011B(SOP8), AT45DB021(PLCC), AT45DB021(SOP), AT45DB021(TSOP), AT45DB021B(SOP28), AT45DB021B(SOP8), AT45DB021B(TSOP), AT45DB041(PLCC), AT45DB041(SOP), AT45DB041(TSOP), AT45DB041B(SOP28), AT45DB041B(SOP8), AT45DB041B(TSOP), AT45DB081(SOP), AT45DB081(TSOP), AT45DB081A(SOP), AT45DB081A(TSOP), AT45DB081B(SON8), AT45DB081B(SOP), AT45DB081B(TSOP), AT45DB161(PLCC), AT45DB161(SOP), AT45DB161(TSOP), AT45DB161B(SON8), AT45DB161B(SOP), AT45DB161B(TSOP), AT45DB321B(SOP), AT45DB321B(TSOP), AT45DB321C(SON8), AT45DB321C(TSOP), AT59C11(128x8), AT59C11(64x16), AT93C46(128*8), AT93C46(64*16), AT93C46A, AT93C46B, AT93C56(128*16), AT93C56(256*8), AT93C57(128*16), AT93C57(256*8), AT93C66(256*16), AT93C66(512*8), AT93C66A(256*16), AT93C66A(512*8), AT93C86(1024*16), AT93C86(2048*8)

MPU/MCU Device *AT87C5103(SSOP16), AT87C5103[24-PIN], AT87C5111, *AT87C5112, AT87F51, AT87F51RC, AT87F52, AT87F55WD, AT89C1051, AT89C1051U, AT89C2051, AT89C2051X2, AT89C4051, AT89C51, *AT89C5130A(PLCC52), *AT89C5130A(QFP64), *AT89C5131(PLCC52), *AT89C5131(QFP64), *AT89C5131(SOP28), *AT89C5131A(PLCC52), *AT89C5131A(QFP64), *AT89C5132(QFP80), *AT89C51AC3(PLCC44), *AT89C51AC3(PLCC52), *AT89C51AC3(QFP44), *AT89C51AC3(QFP64), *AT89C51CC03(PLCC44), *AT89C51CC03(PLCC52), *AT89C51CC03(QFP44), *AT89C51CC03(QFP64), AT89C51ED2, AT89C51ID2, AT89C51RB2, AT89C51RC, AT89C51RC2, AT89C51RD2, *AT89C51SND1(BGA81), *AT89C51SND1(PLCC84), *AT89C51SND1(QFP80), AT89C52, AT89C55, AT89C55WD, AT89LP2052, AT89LP4052, AT89LS51, AT89LS52, AT89LS53, AT89LS8252, AT89LV51, AT89LV52, AT89LV55, AT89S2051, AT89S4051, AT89S51, AT89S52, AT89S53, AT89S54, AT89S58, AT89S64, AT89S8252, *AT90CAN128(MLF64), *AT90CAN128(QFP64), AT90S2313, AT90S2323, AT90S2333, AT90S2343, AT90S4414, AT90S4433, AT90S4434, AT90S8515, AT90S8535, *ATMEGA128(MLF64), *ATMEGA128(QFP64), *ATMEGA128L(MLF64), *ATMEGA128L(QFP64), ATMEGA16, ATMEGA168, *ATMEGA169, *ATMEGA169L, *ATMEGA169V, ATMEGA16L, ATMEGA32, ATMEGA32L, ATMEGA48, ATMEGA48L, ATMEGA48V, ATMEGA48VL, *ATMEGA64, *ATMEGA64L, *ATMEGA64L(MLF64), ATMEGA8, ATMEGA8515, ATMEGA8515L, ATMEGA8515L(MLF44), ATMEGA8515L(QFP44), ATMEGA8535, ATMEGA8535L, ATMEGA88, ATMEGA88V, ATMEGA8L, ATTINY11, ATTINY12, ATTINY13, ATTINY2313, ATTINY26, ATTINY26L, ATTINY28L, ATTINY28V, ATTINY28V(QFP32), T87C5101, *T89C5115, *T89C51AC2, *T89C51CC01, *T89C51CC02(PLCC28), *T89C51CC02(QFP32), *T89C51CC02(SOP24), *T89C51CC02(SOP28), T89C51IC2, T89C51RB2, T89C51RC2, T89C51RD2, TS87C51RD2, TS87C52X2, TS87C54X2

PLD Device *AT94S05AL(BGA256), *AT94S05AL(TQFP144), *AT94S10AL(BGA256), *AT94S10AL(TQFP144), *AT94S40AL(BGA256), *AT94S40AL(TQFP144), *ATF1500A, *ATF1500ABV, *ATF1500AL, *ATF1502AS-J44, *ATF1502AS-Q44, *ATF1502ASL-J44, *ATF1502ASL-Q44, *ATF1502ASV-J44, *ATF1502ASV-Q44, *ATF1502ASVL-J44, *ATF1502ASVL-Q44, *ATF1504AS-J44, *ATF1504AS-J68, *ATF1504AS-J84, *ATF1504AS-Q100, *ATF1504AS-Q44, *ATF1504AS-T100, *ATF1504ASL-J44, *ATF1504ASL-J68, *ATF1504ASL-J84, *ATF1504ASL-Q100, *ATF1504ASL-Q44, *ATF1504ASL-T100, *ATF1504ASV-J44, *ATF1504ASV-J68, *ATF1504ASV-J84, *ATF1504ASV-Q100, *ATF1504ASV-Q44, *ATF1504ASV-T100,

*ATF1504ASVL-J44, *ATF1504ASVL-J68, *ATF1504ASVL-J84, *ATF1504ASVL-Q100, *ATF1504ASVL-Q44, *ATF1504ASVL-T100, *ATF1508AS-J84, *ATF1508AS-Q100, *ATF1508AS-Q160, *ATF1508AS-T100, *ATF1508ASL-J84, *ATF1508ASL-Q100, *ATF1508ASL-Q160, *ATF1508ASL-T100, *ATF1508ASV-J84, *ATF1508ASV-Q100, *ATF1508ASV-Q160, *ATF1508ASV-T100, *ATF1508ASVL-J84, *ATF1508ASVL-Q100, *ATF1508ASVL-Q160, *ATF1508ASVL-T100, ATF16LV8C, ATF16LV8CEXT, ATF16V8B, ATF16V8B(16L8), ATF16V8B(16R4), ATF16V8B(16R6), ATF16V8B(16R8), ATF16V8BL, ATF16V8BQ, ATF16V8BQL, ATF16V8C, ATF16V8CEXT, ATF16V8CZ, ATF20V8B, ATF20V8B(20L8), ATF20V8B(20R4), ATF20V8B(20R6), ATF20V8B(20R8), ATF20V8B(20RP4), ATF20V8B(20RP6), ATF20V8B(20RP8), ATF20V8BL, ATF20V8BQ, ATF20V8BQL, ATF20V8C, ATF20V8CEXT, ATF20V8CQ, ATF20V8CZ, ATF22LV10C, ATF22LV10C(UES), ATF22LV10CEXT, ATF22LV10CQ, ATF22LV10CQ(UES), ATF22LV10CQZ, ATF22LV10CQZ(UES), ATF22LV10CZ, ATF22LV10CZ(UES), ATF22V10B, ATF22V10B(UES), ATF22V10BL, ATF22V10BQ, ATF22V10BQL, ATF22V10C, ATF22V10C(UES), ATF22V10CEXT, ATF22V10CQ, ATF22V10CQ(UES), ATF22V10CQZ, ATF22V10CQZ(UES), ATF22V10CZ, ATF22V10CZ(UES), ATF2500C, ATF2500C(V2500), ATF2500C(V2500B), ATF2500CL, ATF2500CL(V2500), ATF2500CL(V2500B), ATF2500CQ, ATF2500CQ(V2500), ATF2500CQ(V2500B), ATF2500CQL, ATF2500CQL(V2500), ATF2500CQL(V2500B), ATF750C, ATF750C(V750), ATF750C(V750B), ATF750CEXT, ATF750CL, ATF750CL(V750), ATF750CL(V750B), ATF750LVC, ATF750LVC(V750), ATF750LVC(V750B), ATF750LVCEXT, ATF750LVCL, ATF750LVCL(V750), ATF750LVCL(V750B),

BMI

EEPROM/FLASH Device BM29F020, BM29F040, BM29F400B-TC, BM29F400T-TC, BM29FS020, BM29FS040, BM29LV010

CATALYST

EPROM Device CAT27256, CAT27512, CAT2764A, CAT27C010, CAT27C128A, CAT27C210, CAT27HC256L

EEPROM/FLASH Device CAT28C16A, CAT28F002B, CAT28F002P-T, CAT28F002T

Serial E/EEPROM Device CAT24C02/I/AI, CAT24C021/022, CAT24C023, CAT24C04/I, CAT24C041/042, CAT24C043, CAT24C08/I, CAT24C081/082, CAT24C083, CAT24C16/I, CAT24C161/162, CAT24C163, CAT24C44, CAT24FC02, CAT24FC256, CAT24WC01, CAT24WC02, CAT24WC03, CAT24WC04, CAT24WC08, CAT24WC128, CAT24WC16, CAT24WC256, CAT24WC32, CAT24WC64, CAT25C01, CAT25C02, CAT25C04, CAT25C08, CAT25C128, CAT25C16, CAT25C256, CAT25C32, CAT25C64, CAT34WC02, CAT35C102(128*16), CAT35C102(256*8), CAT35C104(256*16), CAT35C104(512*8), CAT59C11/I(128x8), CAT59C11/I(64x16), CAT64LC40, CAT93C46(128*8), CAT93C46(64*16), CAT93C46A, CAT93C46AH, CAT93C46AI, CAT93C46B(128*8), CAT93C46B(64*16), CAT93C46BI(128*8), CAT93C46BI(64*16), CAT93C46H(128*8), CAT93C46H(64*16), CAT93C46I(128*8), CAT93C46I(64*16), CAT93C56I(128*16), CAT93C56I(256*8), CAT93C57(128*16), CAT93C57(256*8), CAT93C66(256*16), CAT93C86(1024*16), CAT93C86(2048*8), CAT93LC56(128*16), CAT93LC56(256*8), CAT93LC56I(128*16), CAT93LC56I(256*8)

CYPRESS

EPROM Device CY27C010, CY27C512, CY27H010, CY27H256, CY27H512, CY27L010

Serial E/EEPROM Device CY3LV010

MPU/MCU Device *CY7C53120E2(SOP), *CY7C53120E2(TQFP), *CY7C53120E4(SOP), *CY7C53120E4(TQFP), *CY7C53120L8(SOP), *CY7C53120L8(TQFP), CY7C63000, CY7C63000A, CY7C63001, CY7C63001A, CY7C63100, CY7C63100A, CY7C63101, CY7C63101A, CY7C63201, CY7C63221A, CY7C63231, CY7C63231A, CY7C63413 (DIP40), CY7C63413 (DIP48), *CY7C63413 (SSOP48), CY7C63513 (DIP48), CY7C63613 (SOP24), CY7C63723, CY7C63743, CY7C64013 (DIP28), CY7C64013 (SOP28), CY7C64113, CY7C65013, CY7C65113, CY7C66011, CY7C66013 (DIP48), *CY7C66013 (SSOP48), *CY7C66113 (SSOP56), *CY8C21123-24SXI, *CY8C21434-24LFXI, *CY8C22213-24PVI, *CY8C24123-24PI, *CY8C24123-24SI, *CY8C24123A-24PXI, *CY8C24123A-24SXI, *CY8C24223-24PI, *CY8C24223-24PVI, *CY8C24223-24SI, *CY8C24223A-24PVXI, *CY8C24423-24PI, *CY8C24423-24PVI, *CY8C24423-24SI, *CY8C25122-24PI, *CY8C26233-24PI, *CY8C26233-24PVI, *CY8C26233-24SI, *CY8C26443-24PI, *CY8C26443-24PVI, *CY8C26443-24SI, *CY8C26643-24AI, *CY8C26643-24PI, *CY8C26643-24PVI, *CY8C27143-24PI, *CY8C27243-24PVI, *CY8C27243-24SI, *CY8C27443-24PI, *CY8C27443-24PVI, *CY8C27443-24SI, *CY8C27543-24AI, *CY8C27643-24PVI, *CY8C29466-24PXI, *CY8C29666-24PVXI, *CY8C29866-24AXI

PLD Device *CY37032P44, *CY37032VP44, *CY37064P100, *CY37064P44, *CY37064P84, *CY37064VP100, *CY37064VP44, *CY37064VP84, *CY37128P100, *CY37128P160, *CY37128P84, *CY37128VP100, *CY37128VP160, *CY37128VP84, *CY37192P160, *CY37192VP160, *CY37256P160, *CY37256P208, *CY37256P256, *CY37256VP160, *CY37256VP208, *CY37256VP256, *CY37384P208, *CY37384P256, *CY37384VP208, *CY37384VP256, *CY37512P208, *CY37512P256, *CY37512P352, *CY37512VP208, *CY37512VP256, *CY37512VP352, PALC22V10D, PALCE22V10

DALLAS

EEPROM/FLASH Device DS1225Y, DS1245Y/AB

MPU/MCU Device DS87C520, *DS87C530, *DS87C550, DS89C420

DEUTRON

EEPROM/FLASH Device P439LV010, P439LV040, P439LV088-E, P439LV800-E

Serial E/EEPROM Device AC25LV010, AC25LV512

DynaColor

MPU/MCU Device D16F51P, D16F54AD, D16F54AL, D16F78BE

ECHELON

MPU/MCU Device *FT3120(SOP), *FT3120(TQFP), *PL3120-E4T10(TSSOP)

EFST

EEPROM/FLASH Device F49B002UA, F49L004BA, F49L040A, F49L400BA-T, F49L400UA-T, F49L800BA-T, F49L800UA-T

EMC

EEPROM/FLASH Device EM39LV010, EM39LV040, EM39LV088, EM39LV800

Serial E/EEPROM Device EM25LV010, EM25LV512

EMTC

EPROM Device EM27SL512AU, EO032K8FA3T35LA

EEPROM/FLASH Device eM29SF002AB, eM29SF002AT, eM29SF002NAB, eM29SF002NAT, eM29SF020AU, eM29SF020NAU

Serial E/EEPROM Device eM24C02, eM24C04, eM24C08, eM24C16, eM25SL512EU

EON

EPROM Device EN27C010

EEPROM/FLASH Device EN29F001B, EN29F001T, EN29F002ANB, EN29F002ANT, EN29F002CB, EN29F002CNT, EN29F002CT, EN29F002NB, EN29F002NT, EN29F010, EN29F040, EN29F040A, EN29F080-T, EN29F512, EN29F800B-T, EN29F800T-T, EN29LV010, EN29LV040, EN29LV160AB-T, EN29LV160AT-T, EN29LV160B-T, EN29LV160JB-T, EN29LV160JT-T, EN29LV160T-T, EN29LV320B-T, EN29LV320T-T, EN29LV400AB-T, EN29LV400AT-T, *EN29LV400B-B, EN29LV400B-T, EN29LV400JB-T, EN29LV400JT-T, EN29LV400T-T, EN29LV512, EN29LV800AB-T, EN29LV800AT-T, EN29LV800B-T, *EN29LV800BB-B, EN29LV800BB-T, *EN29LV800BT-B, EN29LV800BT-T, EN29LV800JB-T, EN29LV800JT-T, EN29LV800T-T

EXCEL

EEPROM/FLASH Device ES29LV160DB-T, *ES29LV160DB-W, ES29LV160DT-T, ES29LV320DB-T, ES29LV320DT-T, ES29LV400DB-T, *ES29LV400DB-W, ES29LV400DT-T, ES29LV800DB-T, *ES29LV800DB-W, ES29LV800DT-T

EXEL

Serial E/EEPROM Device XL24C01A, XL24C02P, XL24C04P, XL93C46, XL93LC06, XL93LC46, XL93LC46A, XL93LC56, XL93LC56A, XL93LC66, XL93LC66A, XL93LL46, XL93LL56, XL93LL66

FAIRCHILD

EPROM Device FM27C040, NM27C256, NMC27C16B(12.75V), NMC27C64(13V)

Serial E/EEPROM Device FM24C256, FM93C46, NM24C02, NM25C020, NM25C160, NM93C46, NM93C56, NM93C86A, NM93CS46

MPU/MCU Device ACE1502EMT8