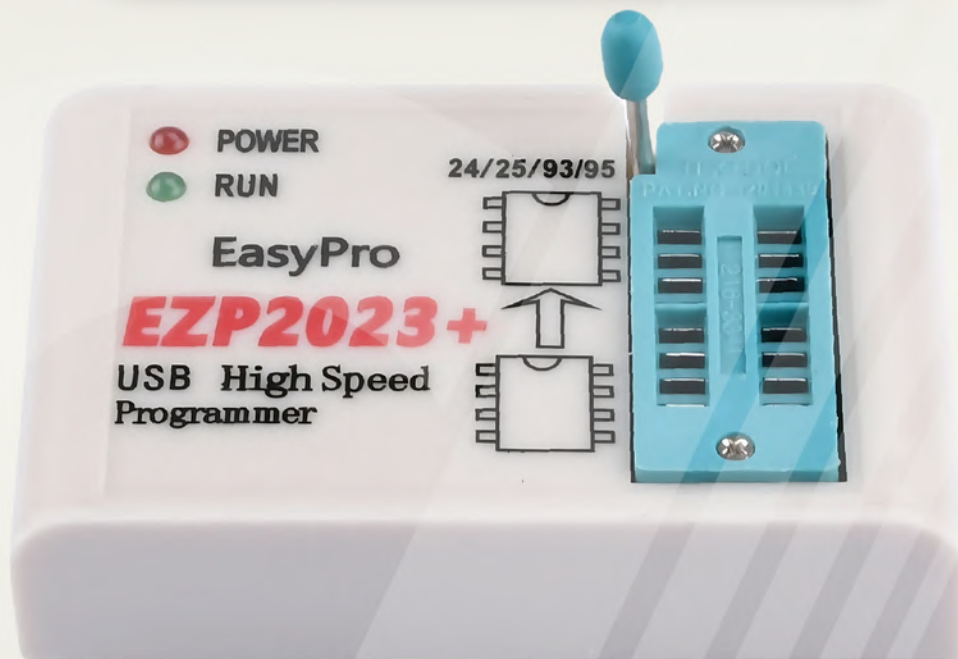


EZP2023+

USB Programmer User Manual



Scan Here..

EZP2019+ VS EZP2019

1. Add function: you can add chips by yourself(24series eeprom,25series SPI FLASH,93series eeprom, 25series eeprom).
2. increase 25 series eeprom.
3. increase 25 series 1.8V chips. Buy (https://www.hkl-rf.com/18V-Conversion-Block-25series-low-voltage-adapter_1851.html).

EZP2019+ VS EZP2023+,XP866+

1. EZP2023+ & XP866+ Add 95 series chips, but not EZP2019+.
2. XP866+ VS EZP2023 Add :XTXtect,CHUANGFEIXIN, XMC,ZBIT 25 series flash.

XTXTECT:

PN25F04A,PN25F04C,PN25F08B,PN25F08,PN25F16B,PN25F16,PN25F32,PN25F32B,PN25F64B,PN25F64,PN25F128B,XT25F02D,XT25F04B,XT25F08B,XT25F16B,XT25F32B,XT25F64B,XT25F64BB,XT25F128

CHUANGFEIXIN:

XM25QE16B,XM25QE32B,XM25QW16C,XM25QW32C,XM25QW64C,XM25QW128C,XM25QW256C,XM25QA64A,XM25QA128A,XM25RH256C

ZBIT SEMI:

ZB25WD10A,ZB25WD20,ZB25WD40,ZB25WD80,

GIGADEVICE:

MD25T80,MD25D20,MD25D40,MD25D80,MD25D16.

TMC(93 EEPROM):

TMC93LC46@8bit, TMC93LC56@8bit, TMC93LC57@8bit,
TMC93LC66@8bit, TMC93LC86@8bit, TMC93LC46@16bit,
TMC93LC56@16bit, TMC93LC57@16bit, TMC93LC66@16bit,
TMC93LC86@16bit,

SUPPORT CHIP:

Support 24, 25 and 93 series chips of most manufacturers in the market!

*****25 SPI

FLASH*****

AMIC:

A25L05PU, A25L05PT, A25L10PT, A25L05PU,
A25L20PT, A25L512, A25L010, A25L10P, A25L020,
A25L20P, A25L040, A25L40P, A25L080, A25L80P,
A25L016, A25L16P, A25L032, A25LQ32A

ATMEL:

AT25F512, AT25F512A, AT25F512B, AT25F1024,
AT25F1024A, AT25FS010, AT25DF021, AT25F2048,
AT25DF041A, AT25F4096, AT25FS040, AT26F004,
AT26DF081A, AT25DF161, AT26DF161, AT26DF161A,
AT25DF321, AT25DF321A, AT26DF321

EON:

EN25F05, EN25LF05, EN25P05, EN25D10, EN25F10,
EN25LF10, EN25P10, EN25D20, EN25B05, EN25B05T,
EN25F20, EN25LF20, EN25D40, EN25F40, EN25LF40,
EN25D80, EN25F80, EN25Q80, EN25T80, EN25T80,
EN25B16, EN25B16T, EN25D16, EN25F16, EN25Q16,
EN25T16, EN25B32, EN25B32T, EN25F32, EN25QH16,
EN25P32, EN25Q32, EN25B64, EN25B64T, EN25F64,
EN25P64, EN25Q64, EN25F128, EN25Q128, EN25QH32,
EN25QH64, EN25QH128,

ES:

ES25P80, ES25P16,

ESMT:

F25L004A, F25L04UA, F25L008A, F25L08PA,
F25L016A, F25L16PA, F25L32PA, F25L32QA, F25L32QA

MXIC:

MX25L512, MX25V512, MX25L1005, MX25L2005, MX-
25L4005A, MX25V4005, MX25L8005,
MX25V8005, MX25L1605D, MX25L1635D, MX25L3205D, MX-
25L3225D, MX25L3235D, MX25L3237D, MX25L6405D, MX-
25L12805D

KH25L4006E, KH25L8006E, KH25L80036, KH25L1606E, MX-
25V1005, MX25U4035, MX25V4035, MX25V8035, MX25U8935,
MX25L8006E, MX25L1606E, MX25L1635D, MX25L1633E, MX-
25L1635D, MX25L1608D, MX25L1608E, MX25U1635E, MX-
25L3225D

MX25L3237D, MX25L3236D, MX25L3206E, MX25L3235D, MX-
25U3235F, MX25U3235E, MX25L3208D, MX25L3208E, MX-
25L6455E,

MX25L6465E, MX25L6408D, MX25L6408E, MX25L6406E, MX-
2 5 L 6 4 4 5 E , M X-
25L6436E, MX25L12835E, MX25L12835F, MX25U12835F,

MX25L12845E, MX25L12836E, MX25L12865E, MX-
2 5 L 1 2 8 5 5 E , M X-
25L25635E, MX25L25635F, MX25L25639F, MX25L25735E,

MX25U25635F, MX25L25735F, MX66U51235F, MX-
6 6 L 5 1 2 3 5 F , M X-
25U5121E(1.8V), MX25U1001E(1.8V), MX25U2032E(1.8V)

NEXFLASH:

NX25P10, NX25P20, NX25P40, NX25P80, NX25P16, NX25P32

PMC:

PM25LV512A, PM25LV010A, PM25LV020, PM25LV040,
PM25LV080B

SAIFUN:

SA25F005, SA25F010, SA25F020, SA25F040, SA25F080,
SA25F160, SA25F320

SPANSION:

S25FL001, S25FL002, S25FL004A, S25FL008A, S25FL016A,
S25FL032A, S25FL064A, S25FL0128

SST:

SST25VF512, SST25VF512A, SST25VF010, SST25VF010A,
SST25VF020, SST25VF020A, SST25VF040, SST25VF040A,
SST25VF040B, SST25VF080B,
SST25VF016B, SST25VF032B, SST25VF064C

GIGADEVICE:

GD25Q512, GD25Q10, GD25Q20B, GD25Q21B, GD25Q40B, GD25Q41B, GD25LQ40, GD25F40, GD25F80,
GD25Q80, GD25Q16, GD25Q32B, GD25Q64, GD25Q128, GD25Q256, GD25Q256MC, GD25LQ05B(1.8v),
GD25LQ10B(1.8v), GD25LQ20B(1.8v), GD25LQ80B(1.8V), GD25LQ16(1.8v), GD25LQ32(1.8v),
GD25LQ64(1.8v)



ST:

M25P05A, M25P10A, M25PE10, M25P20, M25PE20, M25P40,
M25PE40, M25P80,
M25PE80, M25PX80, M25P16, M25PE16, M25PX16, M25P32,
M25PX32, M25P64, M25PX64, M25P128

WINBOND:

W25X10, W25X10A, W25X10AL, W25X10L, W25P20,
W25X20,
W25X20A, W25X20AL, W25X20L, W25P40, W25X40,
W25X40A, W25X40AL, W25X40L,
W25P80, W25X80, W25X80A, W25X80AL, W25X80L,
W25P16, W25X16, W25P32, W25X32, W25X64
W25Q40, W25Q80, W25Q16, W25Q32, W25Q64, W25Q128, W25
Q64FV, W25Q64FW, W25Q256,
W25P80, W25P16, W25P32, W25P64, W25P80, W25P16, W25P
32, W25P64, W25Q05CL, W25Q10CL,
W 2 5 Q 1 0 E W (1 . 8 V) , W 2 5 Q 2 0 -
CL, W25Q20BW(1.8V), W25Q40BW(1.8V), W25Q80EW(1.8V),
W 2 5 Q 1 6 D W (1 . 8 V) , W 2 5 Q 3 2 D W (1 . 8 V) , W 2 5 Q 6 4 F -
W(1.8V), W25Q128FW(1.8V), W25Q256FW(1.8V)

BERGMICRO:

BG25Q512A, BG25Q10A, BG25Q20A, BG25Q40A, BG25Q80A,
BG25Q16A, BG25Q32A, BG25Q64A, BG25Q128A

BOYAMICRO:

BY25D05AS,BY25D10AS,BY25D20AS,BY25D40AS,-
B Y 2 5 D 8 0 A S , B Y 2 5 D 1 6 A S , -
BY25D32AS,BY25D64AS,BY25D128AS,
BY25Q40AL(1.8V),BY25Q80AL(1.8V),BY25Q16AL(1.8V),-
BY25Q32AL(1.8V),BY25Q64AL(1.8V),BY25Q128AL(1.8V)

EXCELSEMI:

ES25M40A,ES25M80A,ES25M16A

FIDELIX:

FM25Q04A,FM25Q08A,FM25Q16A,FM25Q32A,FM25Q64A,
FM25M04A(1.8V),FM25M08A(1.8V),FM25M16A(1.8V),
FM25M32A(1.8V),FM25M64A(1.8V),FM25M4AA(1.8V)

PCT:

PCT25VF512A,PCT25VF010A,PCT25VF020A,PCT25VF040A,
PCT25VF080A

CHINGIS:

PM25LQ512,PM25LQ010,PM25LQ020,PM25LQ040,PM25LQ
080,PM25LQ016,PM25LQ032

SANYO:

LE25FW406M,LE25FW406M

XTXTECT:

PN25F04A,PN25F04C,PN25F08,PN25F08B

FIDELIX:

FM25Q04A,FM25Q08A,FM25Q16A,FM25Q32A,FM25Q64A

ZBITSEMI:

ZB25D40,ZB25D80,ZB25D16,ZB25LQ40(1.8V),ZB25VQ20,Z
B25VQ40,ZB25VQ80,ZB25VQ16,ZB25VQ32,ZB25VQ64,
ZB25VQ128

XMC:

XM25QH40B,XM25QH80B,XM25QH16B,XM25QH32B,XM25QH
32C,XM25QH64A,XM25QH64B,XM25QH128A,XM25QH128B,
*****24
EEPROM*****

ATMEL:

AT24C01, AT24C01A, AT24C01B, AT24C02, AT24C02A,
AT24C02B, AT24C04, AT24C04A,
AT24C04B, AT24C08, AT24C08A, AT24C08B, AT24C16,
AT24C16A, AT24C16B, AT24C32, AT24C32A,
AT24C32B, AT24C64, AT24C64A, AT24C64B, AT24C128,
AT24C128A, AT24C128B, AT24C256, AT24C256A,
AT24C256B, AT24C512, AT24C512A, AT24C512B,
AT24C1024, AT24C1024A, AT24C1024B

COMMON:

24C01,24C02,24C08,24C16,24C32,24C64,24C128,24C256,24C
512,24C1024

MICROCHIP:

24C01,24C02,24C08,24C16,24C32,24C64,24C128,24C256,24C512,24C1024

24LC01,24LC02,24LC04,24LC08,24LC01,24LC16,24LC32,24LC64,24LC128,24LC1025

24AA01,24AA02,24AA04,24AA08,24AA16,24AA32,24AA64,24AA128,24AA256,24AA512,24AA1025

ST:

M24C01,M24C01R,M24C01W,M24C02,M24C02W,M24C02R,M24C08,M24C08R,M24C08W,M24C16,M24C16R,M24C16W,M24C32,M24C32W,M24C64,M24C64W,M24C128,M24C128B,M24C256,M24C256A,M24C256B,M24C256W,ST24C01,ST24C02,ST24C04,ST24C08,ST24C16,ST24W01,ST24W02,ST24W04,ST24W08,ST24W16,

ANACHIP:

AM24LC01,AM24LC02,AM24LC04,AM24LC08,AM24LC16

ROHM:

BR24C01,BR24LC01,BR24C02,BR24LC02,BR24C04,BR24LC04,BR24C08,BR24LC08,BR24C16,BR24LC16,BR24C32,BR24LC32,BR24C64,BR24LC64

EOREX:

EM24LC01,EM24LC02,EM24LC04

RAMTRON:

FM24CL04,FM24CL04A,FM24C08A,FM24CL16,FM24-CL64,FM24C64A,FM24C256

NSC:

NM24C02,NM24C04,NM24C08,NM24C64

ISSI:

IS24C01,IS24C02,IS24C04,IS24C08,IS24C16,IS24C32,IS24C64,IS24C128,IS24C256,IS24C512,IS24C1024

HOLTEK:

HT24C01,HT24C02,HT24C04,HT24C08,HT24C16,HT24C32,HT24C64,HT24C128,HT24C256,HT24C512,HT24C1024,HT24LC01,HT24LC02,HT24LC04,HT24LC08,HT24LC16,HT24LC32,HT24LC64,HT24LC128,HT24LC256,HT24LC512,HT24LC1024,

FAIRCHILD:

FM24C01L,FM24C02L,FM24C03L,FM24C04L,FM24C05L,FM24C08L,FM24C9L,FM24C16L,FM24C17L,FM24C32L,FM24C64L,FM24C128L,FM24C256L,FM24C512L,FM24C1024L

CATALYST:

CAT24C00,CAT24C01,CAT24C02,CAT24C21,CAT24C04,-CAT24C08,CAT24C16,CAT24C32,CAT24C64,CAT24C128,CAT24C2566,CAT24FC01,CAT24FC02,CAT24FC04,CAT24FC08,-CAT24FC16,CAT24FC32,CAT24FC64,CAT24FC128,CAT24FC256,CAT24LC02,CAT24LC04,CAT24LC08,CAT24LC16,CAT24LC32,-CAT24LC64

HUAHONG:

| K24C02,K24C04,K24C08,K24C16,K24C32,K24C64

HUAJIE:

| K24C02,K24C04,K24C08,K24C16,K24C32,K24C64

*****93

EEPROM *****

ATMEL:

| AT93C46(16bit), AT93C46(8bit),
AT93C46A, AT93C56(16bit), AT93C56(8bit),AT93C57(16bit),
AT93C57(8bit), AT93C66(16bit),AT93C66(8bit),AT93C86(16bit),
AT93C86(8bit), AT93C76@16bit

MICROCHIP:

| 93C46A,93C46B,93LC46A,93LC46B,93C56A,93C56B,
93C56C(8b), 93LC56A, 93LC56B,
93LC56B,,93C66A,93C66A,93C66B,93C66C(8b),93LC66A,
93LC66B,93C76A,93C76C(8b),93LC76A,
93LC76B,93C86A,93C86B,93LC86A,93LC86B,
93LC86C(16b),93LC86C(8b)

ROHM :

| BR93LC46, BR93LC46, BR93LC56, BR93LC56, BR93LC66,
BR93LC66

ST:

ST93C06(16b),ST93C06(8b),M93S46,M93S46,ST93C46(16b),
ST93C46(8b), ST93C47(16b)
ST93C47(8b), M93S56, M93S56,ST93C56(16b), ST93C56(8b),
ST93C57(16b) ,ST93C57(8b)
ST93S66,ST93C66(16b),ST93C66(8b),ST93C67(16b),
ST93C67(8b), ST93C86W(16b),
ST93C86W(8b)

ACE:

ACE93C46@8bit,ACE93C46@16bit,ACE93C56@8bit,ACE93C
56@16bit,ACE93C66@8bit,ACE93C66@16bit

ANACHIP:

93C46,93C56,93C66

CATALYST:

CAT93C46@8bit,CAT93C56@8bit,CAT93C57@8bit,-
CAT93C66@8bit,CAT93C86@8bit,
CAT93C46@16bit,CAT93C56@16bit,CAT93C57@16bit,-
CAT93C66@16bit,CAT93C86@16bit

ATC:

ATC93C46@8bit,ATC93C46@16bit,ATC93C56@8bit,ATC93C
56@16bit,ATC93C66@8bit,ATC93C66@16bit,
ATC93LC46@8bit,ATC93LC46@16bit

EOREX:

EM93LC46@8bit,EM93LC46@16bit,EM93LC56@8bit,EM93LC56@16bit,EM93LC66@8bit,EM93LC66@16bit,EM93LC57@8bit,EM93LC57@16bit,EM93LC76@8bit,EM93LC76@16bit,EM93LC86@8bit,EM93LC86@16bit

ISSI:

IS93C46@16bit,IS93C56@8bit,IS93C56@16bit,IS93C66@8bit,IS93C66@16bit,IS93C76@8bit,IS93C76@16bit,IS93C86@8bit,IS93C86@16bit

ICT:

ICT93C46@8bit,ICT93C46@16bit,ICT93C56@8bit,ICT93C56@16bit,ICT93C66@8bit,ICT93C66@16bit

HOLTEK:

HT93C46@16bit,HT93C56@16bit,HT93C66@16bit,HT93LC46@8bit,HT93LC46@16bit,HT93LC56@8bit,HT93LC56@16bit,HT93LC66@8bit,HT93LC66@16bit,HT93LC76@8bit,HT93LC76@16bit,HT93LC86@8bit,HT93LC86@16bit

FAIRCHILD:

FM93C46,FM93C46A@8bit,FM93C46A@16bit,FM93C56,FM93C56A@8bit,FM93C56A@16bit,FM93C66,FM93C66A@8bit,FM93C66A@16bit,FM93C76,FM93C76A@8bit,FM93C76A@16bit,FM93C86,FM93C86A@8bit,FM93C86A@16bit,FM93S46,FM93S56,FM93S66

EXEL:

XL93C46,XL93CS46,XL93LC46,XL93C56,XL93CS56,XL93LC
56,XL93C66,XL93CS66,XL93LC66,
XLS93C46,XLS93C56,XLS93C66

COMMON:

93C46@8bit,93C46@16bit,93C56@8bit,93C56@16bit,93C6
6@8bit,93C66@16bit,93C76@8bit,93C76@16bit,
93C86@8bit,93C86@16bit

AKM:

AK93C45@8bit,AK93C45@16bit,AK93C55@8bit,AK93C55
@16bit,AK93C65@8bit,AK93C65@16bit,
AK93C75@8bit,AK93C75@16bit,AK93C85@8bit,AK93C85
@16bit

YMC:

Y93LC46@8bit,Y93LC46@16bit,Y93LC56@8bit,Y93LC56@16
bit,Y93LC66@8bit,Y93LC66@16bit,
Y93LC76@8bit,Y93LC76@16bit,Y93LC86@8bit,Y93LC86@16
bit

RATO:

RT93C46,RT93LC46@8bit,RT93LC46@16bit

NSC:

NM93C46@8bit,NM93C46@16bit,NM93C56@8bit,NM93
C56@16bit,NM93C66@8bit,NM93C66@16bit,
NM93C76@8bit,NM93C76@16bit,NM93C86@8bit,NM93
C86@16bit

SEIKO:

S-93C76,S-93C66,S-93C56,S-93C46

*****25

EEPROM *****

ATMEL:

AT25010, AT25020, AT25040, AT25080, AT25160,
AT25320, AT25640, AT25128, AT25256, AT25512

CATALYST:

CAT25C01, CAT25C01P, CAT25C01S, CAT25C01U,
CAT25C02P, CAT25C02S, CAT25C02U, CAT25C11,
CAT25C03P, CAT25C03S, CAT25C03U, CAT25C04P,
CAT25C04S, CAT25C04U, CAT25C05P, CAT25C05S,
CAT25C05U, CAT25C08P, CAT25C08S, CAT25C08U,
CAT25C09P, CAT25C09S, CAT25C09U, CAT25C16P,
CAT25C16S, CAT25C16U, CAT25C17P, CAT25C17S,
CAT25C17U, CAT25C32P, CAT25C32S, CAT25C33P,
CAT25C33S, CAT25C64P, CAT25C64S, CAT25C65P,
CAT25C65S, CAT25C128P, CAT25C128S, CAT25C256P,
CAT25C256S

COMMON:

25010, 25020, 25040, 25080, 25160, 25320, 25640, 25128,
25256, 25512

MICROCHIP:

25LC010A, 25LC020A, 25AA010A, 25AA020A, 25AA040,
25C040, 25LC040, 25AA080A, 25LC080B, 25AA080B,
25LC080A, 25AA160, 25C160, 25LC160, 25AA320,
25C320, 25LC320, 25AA640, 25C640, 25LC640,
25LC128, 25AA128, 25LC256, 25AA256,
25LC512, 25AA512, 25LC1024, 25AA1024

RAMTRON:

FM25040, FM25CL04, FM25L16, FM25C160, FM25640,
FM25CL64, FM25L128, FM25L256, FM25L04B

ST:

ST25C01, ST25W01, ST25C02, ST25W02, ST25C04,
ST25W04, ST25C08, ST25W08, ST25C16, ST25W16

TI:

TI2508, TI2516, TI2532, TI2532A, TI2564

XICOR:

X25010, X25020, X25021, X25040, X25041, X25043, X-
25045, X25080, X25160, X25170, X25320, X25640,
X25256, X25512

X25F008, X25F016, X25F032, X25F064

*****25

EEPROM *****

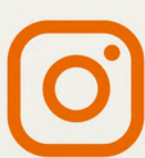
M95010, M95020, M95040, M95080, M95160, M95320, M95
640, M95128, M95256, M95512, M95M01, M95M02;



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