



LEAPER-3D is a compact and light programmer, very suitable for the development and servicing or the hobby environment. Combining EPROM and FLASH memory devices programming, LEAPER-3D FLASH IC WRITER supports various 8-Bit devices by its 32-pin ZIF socket. It is equipped with the most advanced technology and uses the USB interface for PC communication and supports low voltage devices.

### Features

- Programs 8-Bit FLASH serial ICs via USB cable on Windows 9x/2000/XP and can only be powered with 2pcs of 9V alkaline batteries
- Friendly graphic operation interface which is easy to be used.
- High performance on programming FLASH Memory. Such as MXIC MX29F040 only takes 22 seconds on [ Blank Check+Program +Verify ]
- Multi-function:Type/Read/Load/Edit/Check Sum/Erase/Blank Check/Program/Verify/Protect ...
- File formats supported:Binary and Machine Code, Intel HEX , Motorola HEX,Tektronix

### Specifications

- Dimension: 16 x 11 x 4.5cm
- Weight: 0.5Kgs
- Temperature : +5°C to +45°C
- Humidity : up to 90% noncondensing

### Standard Accessories

- Main unit x 1
- CD-ROM x 1
- USB cable x 1
- DC-Power adaptor x 1

### Supported Devices

<b>27Cxxx</b>				
27C64	27C128	27C256	27C512	27C010
27C020	27C040	27C080		
27C010-Q100-12.0V	27C010-Q100-12.5V	27C010-Q100-13.0V		
27C020-Q100-12.0V	27C020-Q100-12.5V	27C020-Q100-13.0V		
27C040-Q100-12.0V	27C040-Q100-12.5V	27C040-Q100-13.0V		
27C080-Q100-12.0V	27C080-Q100-12.5V	27C080-Q100-13.0V		
27C64-Q100-12.0V	27C64-Q100-12.5V	27C64-Q100-13.0V		
27C128-Q100-12.0V	27C128-Q100-12.5V	27C128-Q100-13.0V		
27C256-Q100-12.0V	27C256-Q100-12.5V	27C256-Q100-13.0V		
27C512-Q100-12.0V	27C512-Q100-12.5V	27C512-Q100-13.0V		
27C010-N100-12.0V	27C010-N100-12.5V	27C010-N100-12.7V		
27C010-N100-13.0V	27C020-N100-12.0V	27C020-N100-12.5V		
27C020-N100-12.7V	27C020-N100-13.0V	27C040-N100-12.0V		
27C040-N100-12.5V	27C040-N100-12.7V	27C040-N100-13.0V		
27C080-N100-12.0V	27C080-N100-12.5V	27C080-N100-12.7V		

27C080-N100-13.0V	27C64-N100-12.0V	27C64-N100-12.5V
27C64-N100-12.7V	27C64-N100-13.0V	27C128-N100-12.0V
27C128-N100-12.5V	27C128-N100-12.7V	27C128-N100-13.0V
27C256-N100-12.0V	27C256-N100-12.5V	27C256-N100-12.7V
27C256-N100-13.0V	27C512-N100-12.0V	27C512-N100-12.5V
27C512-N100-12.7V	27C512-N100-13.0V	

<b>AMD</b>			
AM29F010	AM29F010A	AM29F010B	AM29F002B
AM29F002NB	AM29F002NT	AM29F002T	AM29F002BB
AM29F002NBB	AM29F002NBT	AM29F002BT	AM29F040
AM29F040B	AM29LV010B	AM29LV001BB	AM29LV001BT
AM28F256	AM28F256A	AM28F512	AM28F512A
AM28F010	AM28F010A	AM28F020	AM28F020A

<b>AMIC</b>			
A29010	A29001U	A29001T	A290011U
A290011T	A29002U	A29002T	A290021U
A290021T	A29040	A29040A	

<b>ATMEL</b>				
AT49F512	AT49F010	AT49F001	AT49F001N	AT49F001T
AT49F001NT	AT49F020	AT49F002	AT49F002N	AT49F002T
AT49F002NT	AT49F040	AT49F040T	AT49LV512	AT49LV010
AT49LV001	AT49LV001N	AT49LV001T	AT49LV001NT	AT49LV020
AT49LV002	AT49LV002N	AT49LV002T	AT49LV002NT	AT49LV040
AT49LV040T	AT49BV512	AT49BV010	AT49BV001	AT49BV001N
AT49BV001T	AT49BV001NT	AT49BV020	AT49BV002	AT49BV002N
AT49BV002T	AT49BV002NT	AT49BV040	AT49BV040T	AT29C256
AT29C512	AT29C010	AT29C010A	AT29C020	AT29C040
AT29C040A	AT29LV512	AT29LV010A	AT29LV020	AT29LV040A
AT29BV010A	AT29BV020	AT29BV040A	AT28C04	AT28C04E
AT28C16	AT28C16E	AT28C17	AT28C17E	AT28C64
AT28C64B	AT28C64E	AT28HC64B	AT28C256	AT28C256E
AT28C256F	AT28HC256E	AT28HC256F	AT28C010	

<b>BRIGHT</b>			
BM29F040			
<b>CATALYST</b>			
CAT28F512	CAT28F010	CAT28F020	

<b>EON</b>			
EN29F002B	EN29F002NB	EN29F002NT	EN29F002T
EN29F040			

<b>EXEL</b>			
XL28F010	XL28F020		

<b>FUJITSU</b>			
MBM28F010	MBM29F010	MBM29F002B	MBM29F002T
MBM29F040A	MBM29F040C		

<b>HYUNDAI</b>			
HY29F002B	HY29F002T	HY29F040	HY29F040A

<b>IMT</b>			
IM29F001T	IM29F002T		

<b>INTEL</b>			
28F256A	28F512	28F010	28F020

<b>MEGAWIN</b>			
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<b>MM29F040E</b>	<b>MM29LF040E</b>			
<b>MOSEL-VITELIC</b>				
V29C51000B	V29C51000T	V29C51001B	V29C51001T	V29C51002B
V29C51002T	V29C51004B	V29C51004T	V29LC51000	V29LC51001
V29LC51002	V29C31004B	V29C31004T		

<b>MXIC</b>				
MX29F001B	MX29F001T	MX29F002B	MX29F002NB	MX29F002NT
MX29F002T	MX29F022B	MX29F022NB	MX29F022NT	MX29F022T
MX29F040	MX29F004B	MX29F004T	MX29LV040	MX29LV004B
MX29LV004T				

<b>PERFECT</b>				
PDI29F010	PE29F002N			

<b>PMC</b>				
PM29F002B	PM29F002T	PM29F004B	PM29F004T	PM29LV002B
PM29LV002T	PM29LV004B	PM29LV004T		

<b>PSS</b>				
PS29F001	PS29LP001			

<b>SST</b>				
SST39SF512	SST39SF010	SST39SF020	SST39SF020A	SST39SF020A
SST39SF040	SST39LF512	SST39LF010	SST39LF020	SST39LF040
SST39VF512	SST39VF010	SST39VF020	SST39VF040	SST39EE512
SST39EE512A	SST39EE010	SST39EE010A	SST39EE010T	SST39EE020
SST39EE020A	SST39LE512	SST39LE512A	SST39LE010	SST39LE010A
SST39LE020A	SST39VE512	SST39VE512A	SST39VE010	SST39VE010A
SST39VE020A	SST39VE020	SST39VE020A	SST39VE040	SST39SF040A
SST39VF010A	SST39VF040	SST39VF040A	SST39VF040A	SST39VF040A
SST28LF040	SST28VF040	SST28VF040A	SST27SF256	SST27SF512
SST27SF010	SST27SF020	SST27VF256	SST27VF512	SST27VF010
SST27VF020	SST27VF040	SST37VF512	SST37VF010	SST37VF020
SST37VF040				

<b>ST</b>				
M29F010B	M29F002B	M29F002BB	M29F002BT	M29F002NB
M29F002NT	M29F002T	M29F040	M29F040B	M29F010B
M29W022BB	M29W022BT	M29W040	M29W040B	M28F256
M28F256A	M28F512	M28F01	M28F201	M28W101
M28W201				

<b>SYNCHIOS</b>				
F29C51001B	F29C51001T	F29C51002B	F29C51002T	F29C51004B
F29C51004T	F29C31004B	F29C31004T		

<b>TI</b>				
TMS28F010A	TMS28F010B	TMS28F020		

<b>Winbond</b>				
W49F020	W49F002A	W49F002U	W29C010	W29C011A
W29C020	W29C020C	W29C040	W29EE512	W29EE010
W29EE011	W29EE020	W29EE040	W27C256	W27C257
W27C512	W27C010	W27C020	W27E256	W27E257
W27E512	W27E010	W27E020	W27E040	W27E257
W27F512	W27F010			