Writing adaptor board for Toshiba Micro-computer

This Adaptor board supports each package of Toshiba Flash Micro-computer. If combined Toshiba FLASH Writer with control software [FLASH program], it will available to write/ erase/ verify program to internal FLASH memory.

FLASH programmer will add supporting device and function anytime, we recommend user access Toshiba website for get latest version.

[Main features]

・Available to support any series and family if the package configuration is same.

・Flexible supporting new devices.

・Available to connect [EJ-Writer] produced by Sohwa & Sophia Technologies.

Suitable for manufacturing environment, development environment

QFP80

LQFP80

LQFP100

LQFP80
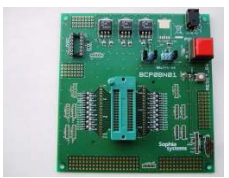
QFP64

LQFP44

SDIP42

QFP100

LQFP48

SDIP64

SOP28

SSOP30

SDIP32

LQFP144

VQON44

Available MPU
TLCS-870/C1 series
TLCS-870/C series
TLCS-870/X series
TLCS-900/L1 series
TLCS-900/H1 series
TLCS-900/H series
TX19A series

Board size 220W × 158D × 42H(mm)

Configuration

・Adaptor board
・AC adaptor
・Accessory parts（socket／short pin）
・Manual（Electronic file）

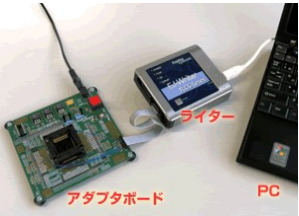　＊Debugger or Writer is necessary for writing.

Option

Writer-in (Sophia Systems):
Product code: EJW6300E
Name: EJW TLCS Series

＊ Connect PC and note PC by USB
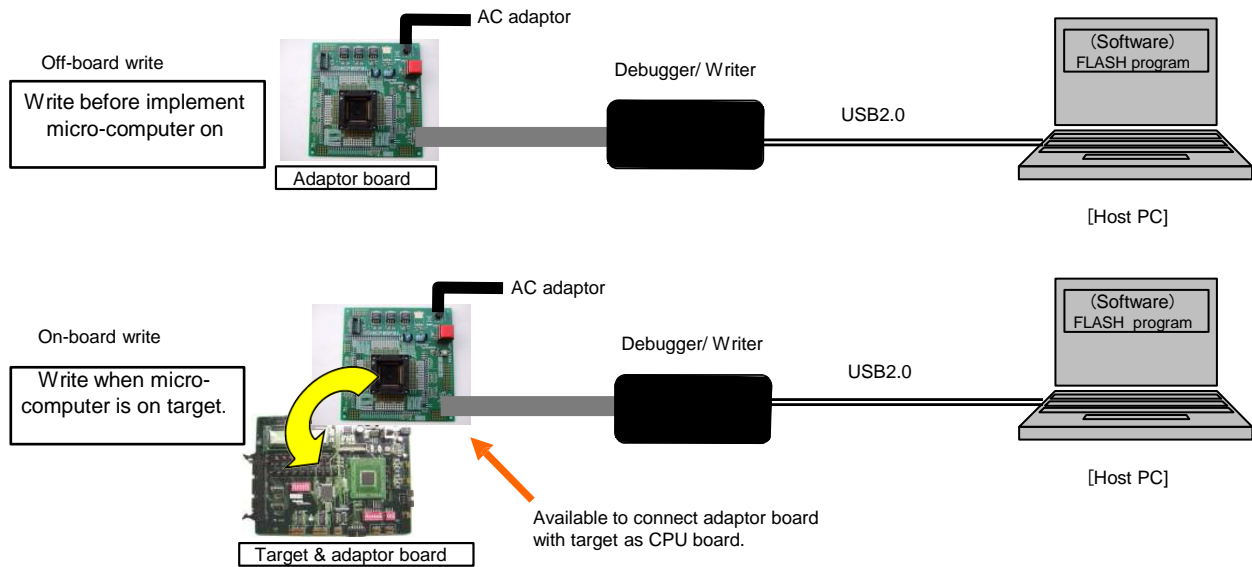＊ Attached [WATCHPOINT] for EJ-Writer

Read-in object: Supporting below format
・Binary　・Intel HEX　・Motorola HEX

Environment

Off-board write

| Write before implement micro-computer on |

AC adaptor
Debugger／Writer
USB2.0
Adaptor board
（Software）FLASH program
[Host PC]

On-board write

| Write when micro-computer is on target. |

AC adaptor
Debugger／Writer
USB2.0
Target & adaptor board
（Software）FLASH program
[Host PC]

Available to connect adaptor board with target as CPU board.

Wiring

Before writing, user should match the hard wiring for write signal and parts implement (clock generation) with the device.
Please refer to the wire list. After user purchased wire list, access Sophia Systems website to get wire list.

http://www.ss-technologies.co.jp/en//products/wrt_adp/index.html

Wiring sample

Selection guide

Product code	Name
BDS033	TLCS-QFP80-PN410104
BDS034	TLCS-LQFP64-PN410105A
BDS035	TLCS-LQFP100-PN410106
BDS036	TLCS-LQFP80-PN410107
BDS037	TLCS-QFP64-PN410108
BDS038	TLCS-LQFP44-PN410109
BDS039	TLCS-SDIP42-PN410110
BDS040	TLCS-QFP100-PN410111
BDS041	TLCS-LQFP48-PN410115
BDS042	TLCS-SDIP64-PM410116
BDS043	TLCS-SOP28-PN410117
BDS044	TLCS-SSOP30-PN410118
BDS045	TLCS-SDIP32-PN410119
BDS046	TLCS-LQFP144-PN410120
BDS047	TLCS-VQON44-PN410121

Sohwa & Sophia Technologies Inc.

URL ：http://www.ss-technologis.co.jp/en/index.html
Email: market@ss-technologies.co.jp

Inquiry: