

TOSHIBA

Toshiba TCKE8 Series Instruction Manual

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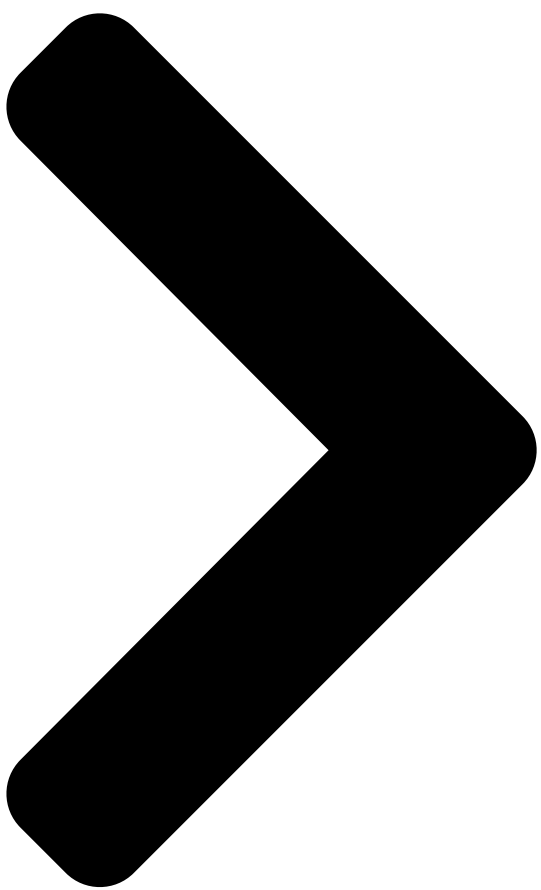
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TOSHIBA TC8xx Series Evaluation Board

Safety Precautions

This section lists important precautions which users of our product(s) (and anyone else) should observe in order to avoid injury to human body and damage to property, and to ensure safe and correct use of our products. Please be sure that you understand the meanings of the labels and graphic symbols described below before you move on to the detailed descriptions of the precautions, and comply with the precautions stated.

Explanation of Labels

Indicates a hazardous situation which, if not avoided, will result

¹
in death or serious injury

1. Serious injury includes blindness, wounds, burns (low and high temperature), electric shock, fractures, and poisoning, etc. with long-lasting

effects or that require hospitalization and/or long-term hospital visits for treatment.

2. Minor or moderate injury includes wounds, burns, electric shock, etc. not requiring hospitalization and/or long-term hospital visits for treatment.

3. Property damage means damage to customer or third party machines and equipment.

Explanation of Graphic Symbols

Prohibited

Indicates prohibited actions.

Do not touch the circuit boards or components while the power is on. Doing so may cause electric shock or heat, resulting in burns.







Prohibited

Be careful of sharp parts such as terminals. Failure to do so may cause personal injury.

Instructions

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Instruction Manual

Indicates a hazardous situation which, if not avoided, could result in death or serious injury				
This is a reference material. Do not design the final equipment in this document.				
TCKE8xx series Evaluation Board Instruction Manual				
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury				
Indicates actions that must be undertaken for safety purposes.				
Indicates practices that may cause property damage other problems, but personal injury				
Instructions				
and not				
2023-5-10				
Rev.1.0				

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Related Manuals for Toshiba TCKE8 Series

[Motherboard Toshiba TB6605FTG Reference Manual](#)

Mcd evaluation board for pump motor control (18 pages)

[Motherboard Toshiba TMPM330 User Manual](#)

(31 pages)

[Motherboard Toshiba MCU FLASH WRITER Instruction Manual](#)

(5 pages)

[Motherboard Toshiba SAPPHIRE-67CFSG User Manual](#)

Bluetooth ic evaluation board (14 pages)

Summary of Contents for Toshiba TCKE8 Series

[Page 1](#) Be careful of sharp parts such as terminals. Failure to do so may cause personal injury. Instructions This is a reference material. Do not design the final equipment in this document. © 2023 2023-5-10 Toshiba Electronic Devices & Storage Corporation Rev.1.0...

[Page 2](#) IC are mounted, enabling easy operation check and characterization. The specifications and absolute maximum ratings of the target product are described in the data sheet. Refer to this together with the user guide. Table 1-1 TCKE8 Series Lineup Input Evaluation...

[Page 3](#) Resistor 35.7kΩ (ILIM≒2.98A) R5 (RILIM) CUHS20S30 US2H VF=0.34V/30V/2A VRWM ≤ 21 V ESD protection DF2S23P2CTC CST2C This is a reference material. Do not design the final equipment in this document. © 2023 2023-5-10 Toshiba Electronic Devices & Storage Corporation Rev.1.0...

[Page 4](#) Adjust the overcurrent limit using a resistor (R) between ILIM and GND terminals. ILIM can range from 20kΩ to 300kΩ. ILIM This is a reference material. Do not design the final equipment in this document. © 2023 2023-5-10 Toshiba Electronic Devices & Storage Corporation Rev.1.0...

[Page 5](#) □By separating the small-signal GND from the power GND, the effect of noises caused by the return current can be reduced. This is a reference material. Do not design the final equipment in this document. © 2023 2023-5-10 Toshiba Electronic Devices & Storage Corporation Rev.1.0...

[Page 6](#) TCKE8xx series Evaluation Board Instruction Manual Assessment board warranty provisions This regulation is intended for the warranty of the evaluation board of TOSHIBA CORPORATION DEVICE & STORAGE CORPORATION ("MHI"). Quality control and specifications are stipulated to ensure safe use of our evaluation board.

[Page 7](#) Please note that this guarantee regulations are subject to change without prior notice. This is a reference material. Do not design the final equipment in this document. © 2023 2023-5-10 Toshiba Electronic Devices & Storage Corporation Rev.1.0...

[Page 8](#) It is important that this evaluation board be operated according to the user guidelines within the recommended specifications and environmentally friendliness presented by Toshiba Devices & Storage Corporation. Exceeding the specified evaluation board ratings (including but not limited to input and output voltages, currents, power, and environmental ranges) may cause property damage, personal injury, or death.

[Page 9](#) Claim arises under tort law, contract or other legal theory and even if the Evaluation Board fails to function as stated or anticipated. If a failure of TOSHIBA CORPORATION Devices & Storage Corporation's products is to be evaluated for a part that is reasonably expected to

cause serious personal injury or death and is usable for a safety-critical application (i.e., devices related to nuclear energy, aviation and space equipment, medical devices (excluding health care), in-...

[Page 10](#) Toshiba Corporation and its subsidiaries and affiliates are collectively referred to as "TOSHIBA". Hardware, software and systems described in this document are collectively referred to as "Product". • TOSHIBA reserves the right to make changes to the information in this document and related Product without notice.

This manual is also suitable for:

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