

TZ2100 Evaluation Board

Supports Toshiba TZ2100

Reduces overall system development time of H/W & S/W



Main Features



- Compact and lightweight and best for demonstration
- Easy to make prototype
- Includes Linux OS and attaches BESP (drivers)
- Attaches Schematics and parts list

Applied Products

Applicable for every field of products such as industrial, Control board and smart home electronics because TZ2100 has ARM®Cortex®-A9 that for high-speed data processing.

Industrial machine(Data concentrator, Bar code reader, POS system), Home electronics (Air conditioner, Refrigerator, Washing machine), etc.





We can meet customer's needs such as

- To expedite the development delivery time and **release earlier** than competitors.
- To **reduce** development expense and product cost
- To **save time** for learning know-how and knowledge about new development theme.

Specifications

CPU	TZ2102XBG (BGA310-1616-0.8) ARM® Cortex®-A9 ApP Lite Clock: Max 600 MHz	Others	Switch, LED
RAM	DDR3L-SDRAM 512MB	JTAG	ARM JTAG Connector
ROM	SPI Flash 16MByte EMMC 8GByte EEPROM 16Kbit	Input Voltage	DC5.0V ± 5% (DC Jack)
LAN	Ethernet x 1port (10/100BASE-T)	Size	150mm x 130mm (Protruding part(s) not included.)
USB	USB2.0 Host/Device x 1port (exclusive)	Kernel	Linux 3.10.31
Audio	Monaural MIC input x 1ch Stereo Headphone output x 2ch	Distribution	Ubuntu 14.04
SD	microSD card slot x 1	Boot loader	U-boot
UART	Debug UART x 2ch	Supported device drivers	Ethernet UART SPIB I2C Audio GPIO SPIM USB(EHCI/OHCI) eMMC Memory Allocator SD/SDIO
Camera I/F	Parallel input interface. (Support by Option board)		
LCD I/F	Parallel output interface. (Support by Option board)		
Exp. I/F	GPIO, UART, I2C, ADC, PWM		

Sohwa & Sophia Technologies Products configurations

Description	●TZ2100 Evaluation board	●JTAG Emulator	●Debugger	●Cable
Product code	BDS051: TZ2100 EVA Board	SCD001: EJ-SCT	SCM0790E: WATCHPOINT DBG for EJS ARM E	SCP7500: SCP 20 to 20
Configuration	 Linux BSP	 Emulator main unit	 CD-ROM	 JTAG Cable
Notes	Users Manual Warranty card	Debugger and cable are Required to use	It is necessary to purchase yearly Sophia Support Service	