

Flexcomm MultiFunctional PCBA Tester Product Brief



Product Overview

Multifunctional PCBA Tester is mainly used for PCB survey while assembling. It is able to test the status of electrifying current, resistance, voltage, frequency, bus timing and logic states. During the testing, failure can be cautioned by means of LED indicator lights, buzzer alarm and the result displaying on screen. Our Multifunctional tester helps customers to improve production corrective capacity, go to unqualified ones' failure portion in good time so as to enhance failure eliminative ability, reduce bad ratio.

The tester makes possible that your PCB assembling is nothing the matter. And it makes your cost much less.

Front Panel and Key-press



- "On" Button: Power supply to testing board, input "minus" when setting voltage parameters
- Direction Key: 4 directions "Up, Down, Left, Right"
- "BACK/OFF" Button: Cancel current choice and go back to upper menu or cut off the electricity to boards
- 0~9: 10 buttons, setting display precision and test standard values
- "Setup" Button: Press and enter into "Setup" mode
- "Test" Button: Press and enter into "Fast Testing" mode
- "ESC" Button: Exit "Setup" mode
- "Enter" Button: Confirm choices

Hardware Specification

Feature	Specification
CPU	Silicon Labs C8051F120, include 128KB Flash, 12-Bit ADC
FPGA	Lattice LFXP3C-3T144CES
RAM	32KB SRAM
FLASH	128KB Flash
EEPROM	16KB EEPROM
Buzzer	Alarm error
Power Supply	12V 2A DC
LCD Indicator	Single Color, Blue Background; Definition 320x240
Indicator	8 LED: Power, Run, Error, RX, TX, On, ESC, Setup and Test
Keypad	6 function-buttons: ESC, Setup, Test, Enter, On, Off & Back
	4 way button: Up, Down, Left and Right
	10 digital-buttons: from 0 to 9
JTAG	One 2x5 HDR for CPU JTAG
	One 2x5 HDR for RS232
	One 1x10 HDR for FPGA JTAG
	One 2x20 HDR for LCD connect