

XTEND-G49 Development Kit



XTEND

XA
Trainer &
Expandable
Narrative
Design

The *XTEND*, XA Trainer and Expandable Narrative Design, is designed to provide the user with a stable hardware and software platform for application development with the XA-G49. In many cases the *XTEND* may serve as a quick prototype for the actual user application. With the on-board prototype area or optional expansion boards, the user can quickly and easily get a new customized design running with the XA-G49.

Highlights

- Quick Start kit for any XA-G49 Design
- Why “re-invent” when you can just “re-use”
- Less than 20 minutes to
 - ◆ Load the software
 - ◆ Setup the board
 - ◆ Start designing
- Kit includes everything you need
 - ◆ XA-G49 Board
 - ◆ Software
 - ◆ Documentation
 - ◆ Schematics
 - ◆ Power Supply
 - ◆ Serial Cable

Specifications

- The XTEND-G49 is an upgraded version of the basic XTEND-G3 design and supports both devices
- The XA-G49 is a 5V ISP Flash (In System Programmable) device with 64KB of on-chip Flash and 2KB of RAM
- Philips XA-G49 Microcontroller Socket for 44-pin PLCC supporting both internal and external code execution
- 128KB Standard FLASH ROM Code Space, expandable to 256KB (dual sockets for 16-bit access)
- Code Space supports EPROM, FLASH(5V), NVSRAM, or SRAM
- 64KB Standard High-Speed Data Space SRAM, expandable to 256KB (dual sockets for 16-bit access)
- Two DB-9 RS232 Serial Communications Ports & RS232 Cable and DB25 Adapter Included
- 60-pin Expansion Header for Full Expansion Capability
- 9 VDC Input with on-board 5V regulator, UL Approved Power Supply included
- Users manual and schematics included
- Two user input pushbuttons
- Interface for character type LCD modules with 16 character LCD included
- On-board speaker for tone generation
- 5.25" x 7.25" 2-layer PCB with Full Silkscreen
- 2.5" x 1" wire-wrap area on-board
- Eight TTL User Outputs and four TTL User Inputs via separate headers
- Example Routines for Applications
 - ◆ XA-G49 Initialization Routines
 - ◆ Serial Port Drivers
 - ◆ Timer/Counter Drivers and WDT setup
 - ◆ Interrupt Routines
- External Crossview Pro (XVW) ROM Monitor and Debugger Supporting
 - ◆ Serial Host Communication
 - ◆ Register Dump/Modify
 - ◆ External Data memory Dump/Modify
 - ◆ External Code Memory Load (from RS232)
 - ◆ Code disassembly
 - ◆ C source, assembly or mixed code view
 - ◆ Execute Code with breakpoints
 - ◆ Single-step through User Code
- Tasking XA Toolchain Demo for Windows
 - ◆ Tasking Embedded Development Environment
 - ◆ XA C-Compiler Demo
 - ◆ Crossview Debugger Demo with ROM Monitor pre-programmed
- CMX RTOS Information Package
- Philips XA Assembler, Simulator and 8051 to XA Translator

Ordering Information

Part Number: XTEND-G49
Price: \$249.00 (USD) complete
Warranty: 30-day money back guarantee
Availability: Stock
Philips 12NC: TBD

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