



MICROCHIP ProASIC3/E Proto Kit User Guide

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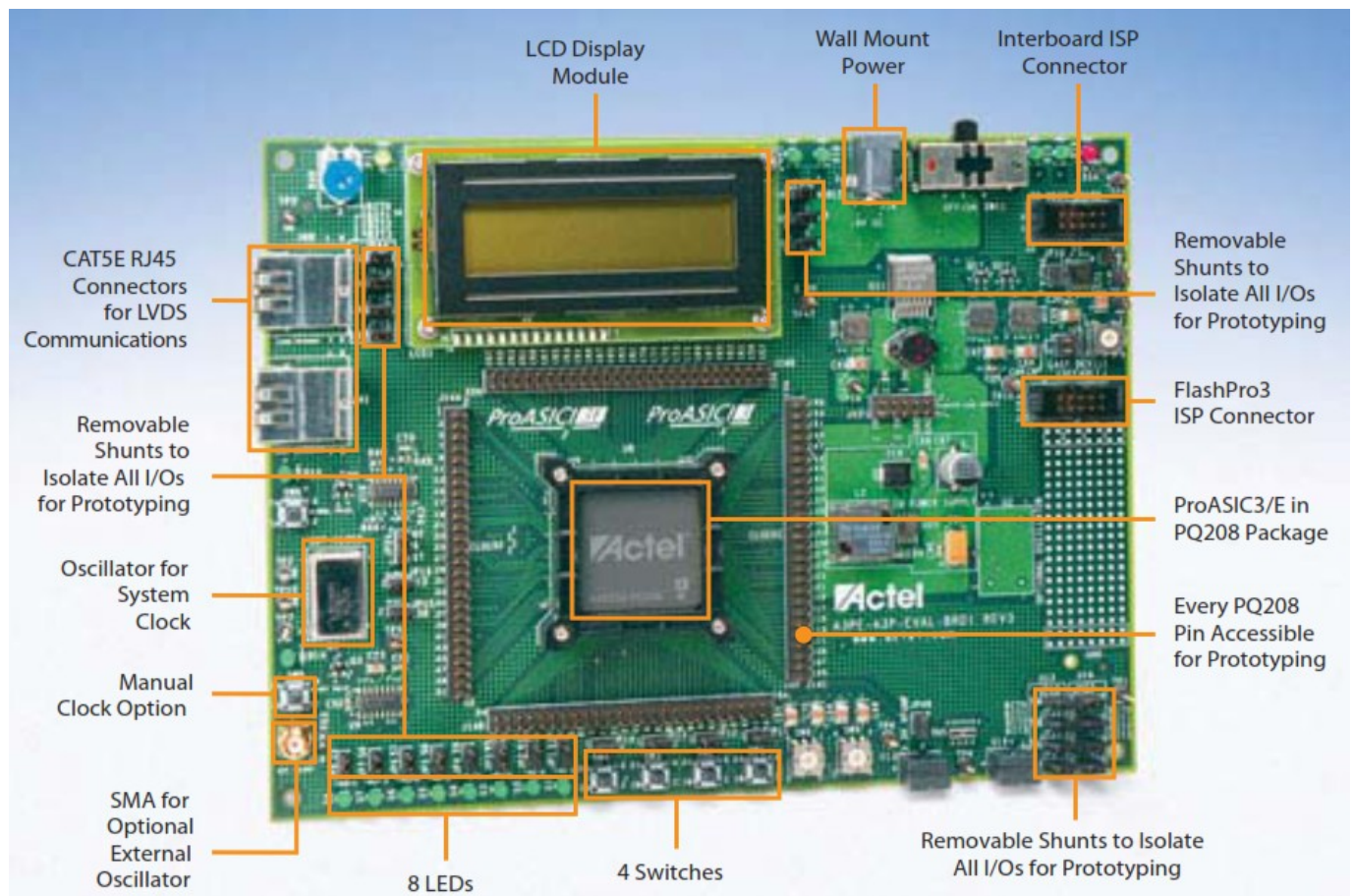


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Kit Contents A3PE-PROTO-KIT, A3PE-BRD1500-SKT

Quantity	Description
1	Pro ASIC® 3 Starter kit board with an A3PE1500-PQ208
1	FlashPro3 programmer (not included with A3PE-BRD1500-SKT)
1	9 V power supply with international adapters



Running the Test Design

To test the board, you can program the demo design. Download it from the ProASIC3 Starter Kit page:

www.actel.com/products/hardware/devkits_boards/proasic3_starter.aspx.

Action	Results
Press SW1	Asynchronous clear for the whole design
Press SW2	Up-down control for the 8-bit counter. Press and hold SW2 for down count.
Press SW3	Synchronous load for the 8-bit counter. Press SW3 for loading from the Hex switches .
Press SW4	Switching between manual clock(SW5) and 40 MHz oscillator clock.
Press SW5	Manual clock (very useful for simulation)
Press SW6	Select for DATA BLOCK. It allows switching LED output between the counter and flashing data.
Change Hex Switch setting (U13 and U14)	Changes the loaded data for the 8-bit counter.

Software and Licensing

Visit the Actel website (www.actel.com) for the latest Libero IDE Software. Request a free gold license to activate your software.

Software releases: www.actel.com/download/software/libero

Licensing: <https://www.actel.com/Portal/DPortal.aspx?r=1>

Documentation Resources

For further kit information, including user's guide, tutorial, and full design examples, refer to the ProASIC3 Starter Kit page: www.microsemi.com/soc/products/hardware/devkits_boards/proasic3_starter.aspx.


Technical Support and Contacts

Technical support is available online at www.microsemi.com/soc/support and by email at soc_tech@microsemi.com.

Microsemi SoC Sales offices, including Representatives and Distributors, are located worldwide. To find your local representative visit www.microsemi.com/soc/company/contact.

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Documents / Resources

	MICROCHIP ProASIC3/E Proto Kit [pdf] User Guide ProASIC3 E Proto Kit, ProASIC3 E, Proto Kit, Kit
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References

- [FPGAs and PLDs | Microchip Technology](#)
- [FPGAs and PLDs | Microchip Technology](#)
- [FPGAs and PLDs | Microchip Technology](#)
- [Libero® SoC Design Suite Versions 2022.3 to 12.0 | Microchip Technology](#)
- [Libero® SoC Design Suite Versions 2022.3 to 12.0 | Microchip Technology](#)
- [Libero® SoC Design Suite Versions 2022.3 to 12.0 | Microchip Technology](#)
- [Libero® SoC Design Suite Versions 2022.3 to 12.0 | Microchip Technology](#)
- [FPGAs and PLDs | Microchip Technology](#)