SU-3280

Stand-alone Universal Gang Programmer / High-expansion Flexibility /

Introduction

SU-3280 is high speed programming for design engineering and small production. It supports PC-based and Stand-alone programming mode which through LCD and keypad download the file to the inside 3.2GB memory.

Moreover, SU-3280 adopts modular design. If with the universal DIP module, you can just use general type adapter on the market for different package. Or you can select gang module for 8-16 site programming.

Features

- Provides with DUT 75MHz bandwidth and < ±2.5nS signal skew.
- Provides the stand-alone mode operation. Just use 5 keys and 20x4 LCD, you can select a project and start to program.
- Provides asynchronous and concurrent operation for the 4 modules which allows chips to begin programming immediately upon insertion the chip fully on the same module. There is a message show on the LCD to inform operator to take off the finished device and inserts a new device.
- Provides IC insertion test and contact check before programming. Under the AUTO mode, just insert the IC, SU-320 will start the processes automatically.
- Provides high-expansion flexibility modular design. It can use as single-side universal programmer or SPI and FLASH gang programmer.
- Provides mass-production-oriented software. There is used a project file to control to minimize the operator error. Moreover, the log file help the production managements.

Standard Accessories

Main unit.........................x1
CD.................................x1
(Driver and user manual are included)
USB cable........................x1
AC power cord................x1
SU-3280-DIP48, Universal DIP-48 module x18

Specification

Power Signal:

- Logic Signal Level : 1.5V~6.0V,10mV
- IOL,IOH Current : 10mA
- Logic Signal Frequency : 75MHz (3-5V) / 60MHz (2.5V) / 45MHz (1.8V) / 25MHz (1.5V)
- Signal Skew : <±2.5nS (3-5V)
- Clock : 0Hz~75MHz
- VDD & VIO Level : 1.5V~6.5V,10mV
- IDD & IIO Current : 400mA
- VPP & VHH Level: 1.5V~15.5V,20mV
- IPP & IHH Current: 150mA

Display: 20X4 Character LCD / WORK & PASS LED

Button : Direction key x 4. START key with light x 1

Embedded Memory : 2GBytes FLASH

Module Dimension : 120mm(L) × 75mm(W)

SU-320 Dimension : 360mm(L) × 190mm(W) × 64mm(H)

Weight : 3.0 kg

Support Device : NAND, NOR FLASH, SPI EPROM, EEPROM, MPU, MCU, CPLD, NV-RAM…

Support File format : Binary/Machine Code, Intel HEX, TEK HEX, Motorola HEX

Optional Accessories

- BGA, uBGA, SON, WSON, QFN(MLF), TSOP, TSSOP, SOP, VSOP…adapters
- BGA64-29-X4(10x13), BGA64-29-X4(11x13), BGA64-29-X4(9x9), BGA64-J3-P3-X4(10x13), BGA64-J3-P3-X4(10x8), NOR-TSOP48-X4, NOR-TSOP56-29-X4, NOR-TSOP56-J3-X4, NOR-TSOP56-P3-X4, SFLASH-SOP16-X4, SFLASH-BGA24-4x6B-X4, SFLASH-BGA24-5x5B-X4, SOP8-207-X4, SOP8-150-X4, SON8-4x4-X4, WSON8-1.97x2.46-X4, WSON8-2x3-X4, WSON8-5x6-X4, WSON8-6x8-X4…adapters

PC System Requirement

Operating System	Windows 10 / 8 / 7 / Vista / XP (32bits & 64bits)
Processor	Pentium 4 above
Memory	2 GB RAM above
Hard Disk	Main program 500MB above / Buffer 2GB above
Communication	USB 2.0 High Speed