

# MSP1000NET

Multi Standard Programmer  
Compact High Performance In-Line Programming System



## MSP1000NET Technical Data

- Multi Standard Programmer with 9 configurable I/O's supporting multiple interfaces, BDM, JTAG, SPI, SCI, I2C . .
- Fast Ethernet interface 10/100 M-Bit/s (auto-sensing speed and full/half duplex mode, auto-cross-over-capability)
- I/O voltage of interface signals adjustable from 3.0 to 5.0 V
- Additional programming voltage, adjustable from 4.5 to 13.2 V /100 mA
- Target voltage adjustable from 2.8 to 5.5 V /500 mA
- Analogue input voltage range 0 to 5,5 V (2 inputs)
- Digital input voltage range 2.8 to 5.5 V
- DC input voltage 15 V
- Power consumption about 2.5 W (without target)
- Temperature range 0..70°C
- Small dimensions (122 x 29 x 69 mm), easy to mount inside ATE equipment
- Weight about 160 g

## Off-Line Applications

- The MSP1000NET is also suitable for offline applications e.g. programming in a socket module, also available from ProMik



MSP1000NET connected to a socket module

## In-Line Applications

- The picture shows a typical In-Line or In-Circuit programming application with MSP1000NET. A panel with 3 PCBs, contacted through a bed-of-needles, programmed in parallel
- Programmers are controlled through a customized host application
- Due to its small dimensions the MSP1000NET can be optimally placed close to the target to support high speed communication
- ProMik offers a variety of customized software and hardware solutions.



Parallel programming, PCB on a bed-of-needles adapter

## Software solutions

- Please see our separate datasheets for our comprehensive software solutions:
- WinStarNET
- Winp\_onlineNET
- FlashTASK