

# NMIN-0021A F68HC11 CPU CARD

The Drop-Point, NMIN-0022A, is a F68HC11-based CPU board in 2.2" x 3.4" format. It offers all the features of the F68HC11FN installed in single chip mode, with power supply features and RS-232 conversion.



- F68HC11™ CPU
- Max-FORTH V3.5™ built-in programming language with Floating Point extensions
- 311 predefined words in the language
- 5 parallel ports
- 1 Asynchronous Serial Channel
- 1 Synchronous Serial Channel
- 8-channel, 8-bit A/D
- 8-bit counter
- 16-bit timer
- 3 or 4 input captures
- 5 or 4 output compares
- 1/2K EEPROM
- 1/2K RAM
- RS-232 conversion of serial-in/serial-out
- DB25F Standard RS-232 connector
- Can accept external 9VDC @ ~10mA, or draw operating power from two driven RS-232 lines

The Drop-Point is a complete system, ready to use for evaluation of the F68HC11 with Max-FORTH V3.5, or to run small, dedicated applications. Only connection to serial communications is necessary to begin evaluation/development. In most cases operating power can be drawn from two active lines of the host's RS-232 (Tx and DTR, for instance). An off-board 9VDC power source can also operate the board. Only the addition of the user program, in its internal EEPROM, is needed for dedicated application service. It's extended RAM allows large system look and feel, with 80 character input buffer, etc., ideal for remote control and data logging.

