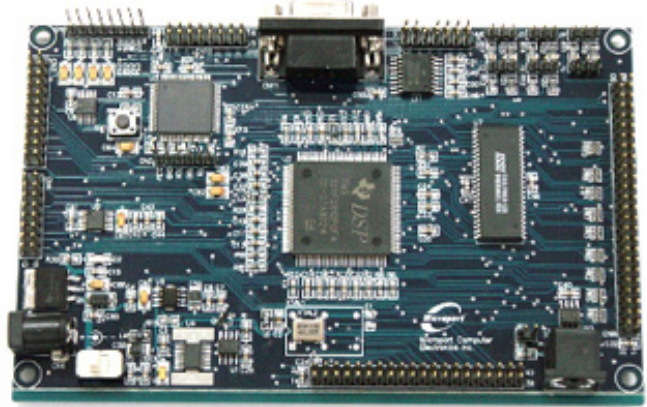


## DSP-2812

**Part No:MP-DSP-2812**

### Product Functions and Features:

- TMS320F2812, High-performance 32-bit CPU, speed up to 150MIPS
- 18K word internal RAM
- 128K internal Flash ROM
- 128K word External SRAM
- Built-in Analog/Digital 16 channel analog input, 12-bit resolution, 7us transformation speed
- event Managers: including 12 sets of PWM output, 6 sets of capture channels and 2 sets of QEP Module
- Built-in RS-232 Driver
- Support eCAN interface, with transceiver equipped
- jumper for user's function Selections
- Extended circuit connector with multi I/O and peripherals
- Support IEEE 1149.1 JTAG Emulation
- 30 MHz Oscillator
- With Reset IC, DSP Power on reset function can be enabled as well as manual reset
- Digital/Analog converter (DAC) with 4-channel analog output, 12-bit resolution and speed from 3us to 800ns
- Built-in 4 x 4 keyboard scanning, LCD interface; board size 150mm x 95mm
- DC 3.3V and 1.8V power sources.



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