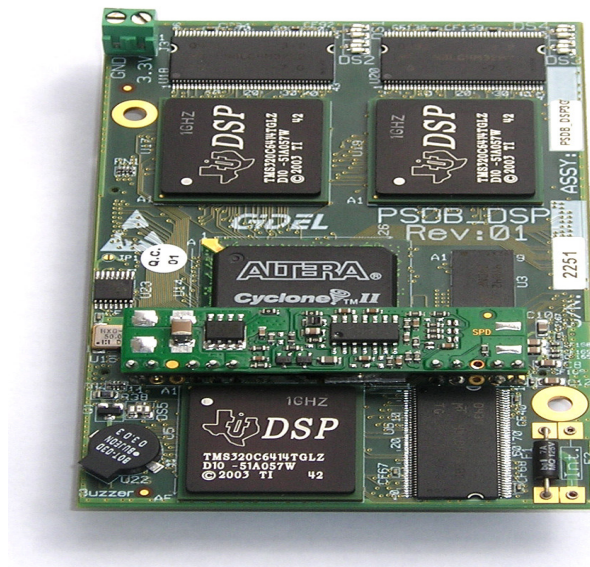




## PSDB\_DSP1G

**GIDEL PSDB\_DSP1G™** is a type 2 daughterboard (**PSDB2**) that increases calculation performance of the PROC boards by providing Digital Signal Processors (DSP) as additional executing devices.

Similar to any type 2 PSDB, PSDB\_DSP1G uses two connectors to connect to the PROC motherboard. These connectors are located on the component side of the motherboard to the left and to the right of each FPGA device



### PSDB\_DSP1G provides the following features:

- ✓ Up to three TMS320C6414T (TI 1Ghz DSP).
- ✓ Cyclone II 35 FPGA device.
- ✓ 32 MB DDR II memory.
- ✓ 64 MB DDR memory for each DSP.
- ✓ Buzzer (optional).
- ✓ Automatic detection by hardware / software