Objective:
To design a universal DSP control board that can be applied to control a wide range of converter, inverter, and other control applications.

Features:
- 64 channel programmable fiber optical PWM outputs.
- 8 channel programmable fiber optical fault signal inputs.
- 16 channel analog inputs, for voltage, current, and other analog signals.
- 4 channel pulse inputs for position and speed sensor signals.
- CAN, RS232, RS485, JTAG interfaces.

Functional Block Diagram

Application Examples:
- Converter/Inverter Control.
- Motor Control.
- Multilevel Inverter Control.
- Position Servo Control.
- PFC control, etc.