

Flexible Embedded Control Platform



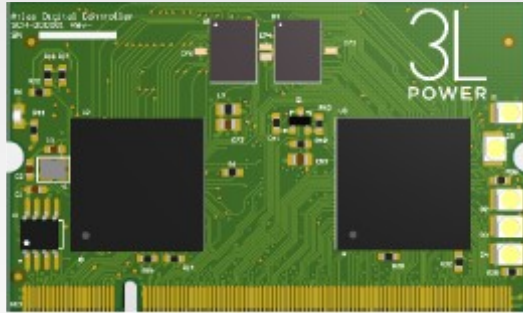
DRIVE



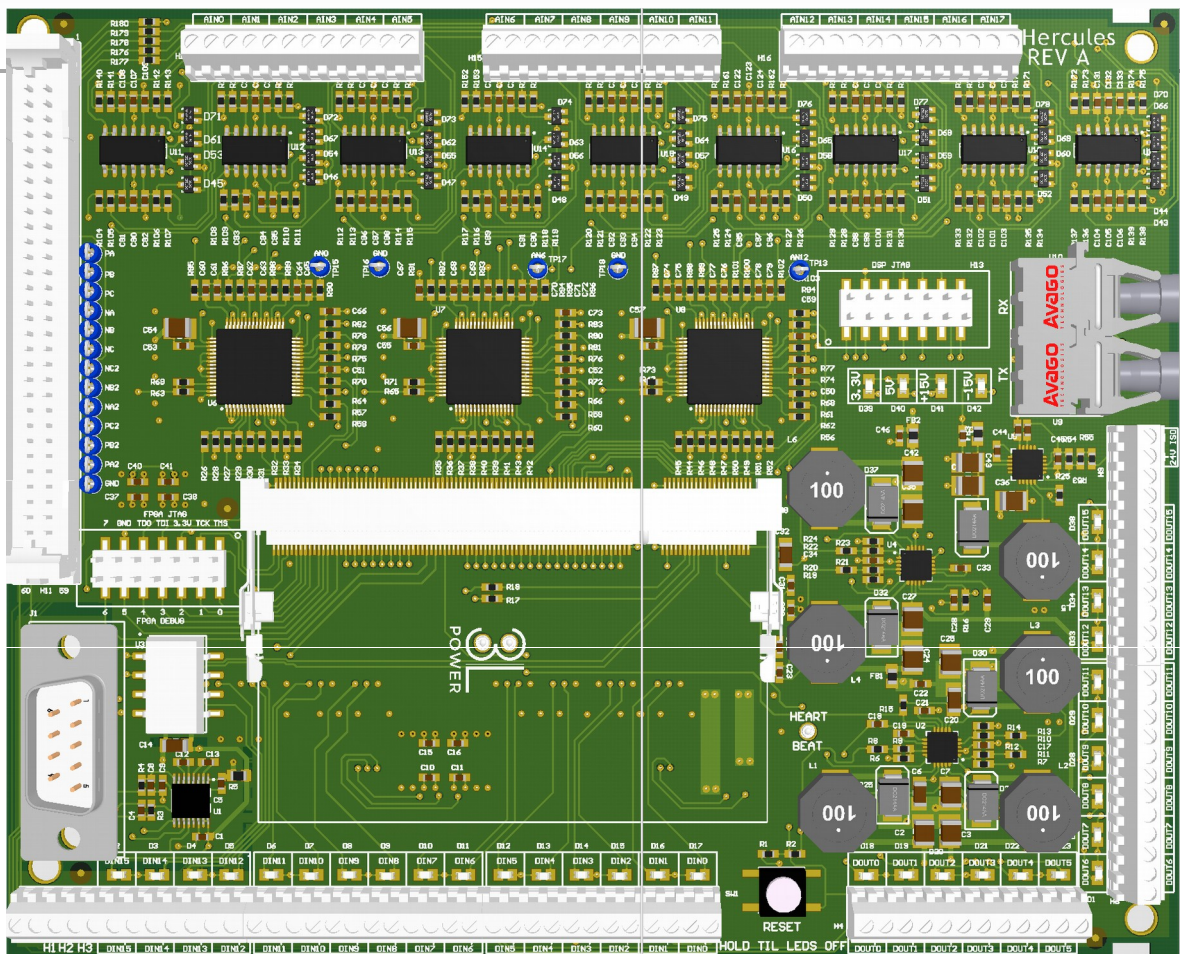
```
using System;
namespace FirstApplication
{
    class Person
    {
        private DateTime birthDate; // a private field acc
        private int ageOn(DateTime date) // a private meth
        {
            TimeSpan span = date.Subtract(birthDate); //use
            return span.Days;
        }
        public int age
        {
            get
            {
                return this.ageOn(DateTime.Now);
            }
        }
        public Person(DateTime dob) // instance construct
        {
            birthDate = dob; // it combines allocat
        }
    }
    class Program
    {
        static void Main(string[] args) // main entry point
        {
            Person p = new Person(new DateTime(1973,11,12));
            System.Console.WriteLine("The age is " + p.age);
            DateTime dt = p.birthDate; //error in compilat
        }
    }
}
```

INTERFACE BOARD	CONTROL CARD	SOFTWARE / FIRMWARE
Customizable per Application Up to 140 General Input / Output	FPGA: Lattice XP2-17 Clocked up to 300 MHz 700k gates	Basic Information: DSP Coded in Object Oriented C FPGA Coded in VHDL
Standard Board DSP & FPGA JTAG	Integrated Nonvolatile RAM	Fault Protection
18 Analog Inputs 14 bit 250kbps 16 Digital Inputs 16 Digital Outputs 12 Digital Gate Outputs Isolated RS232 Serial Comm High Speed Fiber Optic Comm Low Voltage Power Supplies	DSP: TI Delfino TMS320C28346 Floating Point Processor 300MHz 512kB Internal Memory 1MB SRAM External Memory 32-bit Data Bus	Control Modules: PV Inverter PV Simulator Wind Turbine Active Rectifier Microgrid Battery Charger Bidirectional DC-DC PM Motor





Control Card DDR2 SODIMM 200 Pin
Actual Size 2.66" x 1.59"



Example Interface Board
Actual Size 6.15" x 4.95"

3LPOWER