

Re: Microchip programmer Sydney Aus

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2004-09/1688.html>

From: Dana Raymond (*what_at_ever.com*)

Date: 09/09/04

Date: Thu, 09 Sep 2004 09:29:31 GMT

"Michael Clavien" <mclavien@comcen.com.au> wrote in message
news:4122d2eb\$0\$31716\$61c65585@un-2park-reader-01.sydney.pipenetworks.com.au...

> *We require someone with Microchip and PCB design experience to do one*

> *project. We need someone local as it will require some testing on*

> *mechanical*

> *input and motor reaction timing*

>

> --

> *Regards*

>

> *Michael Clavien*

>

> *INDCONTROL Pty Ltd <POWER ELECTRONICS and CONTROLS >*

> *Unit 1, 1 Gordon St Camperdown 2050 Australia*

>

>

>

Microchip's maintains a list of registered consultants.

I checked Australia

(http://www.microchip.com/stellent/idcplg?dcService=SS_GET_PAGE&nodeId=1471&countryName=Australia
)

and found this (scroll down if needed):

CPE Systems Pty Ltd.

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Description:

Our application specialties are in software and hardware for science
and industry.

Digital Device Development Group Pty Ltd.

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Description:

DDD Group began in 1980 as an electronics design and development company. This long experience beginning with Motorola and Philips processors has led to a broad industry capability, and the realisation that PICs are very good embedded processors! DDD Group will work from concept, through schematic design, embedded firmware and pcb layout to finished product. We work closely with manufacturers to ensure ease of assembly, availability of components and minimal testing requirements. DDD Group prides itself on providing innovative solutions to problems. Some of our work includes: Radio modem development Remote alarm monitoring systems Trunk radio base station power controller Energy management systems Solar energy equipment Livestock environmental controls Integrated driver aids for vehicles GSM based telemetry systems The rich peripheral set of PIC micros has enabled minimum component count systems to be developed, often with the ability to add unplanned product enhancements without upgrading processors.

Don Alan Pty LTd.

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Description:

E-fekt Design

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Description:

E-fekt Design is a leading Australian electronic and software engineering firm. As a developer of new technology solutions, we design,

manufacture and support a range of electronic and/or software based systems using some of the best technologies available today. We pride ourselves in being able to find solutions where others only see difficulties. Typical solutions cover areas such as Microsoft Windows (TM) based developments using Borland's highly acclaimed Delphi, a Pascal based software development tool, including relational database systems, project management systems and industry specific solutions. Other areas include the development of custom electronic circuitry to perform virtually any function. This is made possible through the use of advanced microcontroller products from Microchip and C development tools from IAR. Our range of skills cross various boundaries which allows us to develop complete solutions for the automotive, internet, communications, Mobile SMS, marine, water treatment, pool and leisure, gaming, and a host of other industries. We have been using PICs since 1993 in numerous different applications and they have never failed us in any way. No matter what the situation, you can always count on a PIC to get you out of trouble! We'd be proud to help you design the appropriate PIC into your next project.

eLABTRONICS

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Description:

eLabtronics is a Microchip Master Consultant and specializes in PIC microcontroller applications in Innovative Power and Control solutions. Design Projects have included; Award winning Solar Optimizers for the 2003 World Solar Challenge from Darwin to Adelaide (3000 Km), Gearless Transmission Systems for USA, GPS Systems, IR Sensor Tap Controls, etc. These were developed on the eLabtronics elab628 and elab877 development boards. eLabtronics developed the revolutionary CoreChart Icon or Graphical Assembler to simplify PIC programming. This software is used internally by eLabtronics for rapid application development because CoreChart maintains the speed and efficiency of the PIC Text Assembler. A professional library of 77 PIC chips, subroutines and technical data is available for CoreChart. CoreChart can directly program the Microchip PICKit1 board. This combination is ideal for prototyping electronic or robotic projects in Colleges or Universities. To download paste this address (http://www.elabtronics.com/products_cat_corechart.htm) for a FREE 30 Day FULL VERSION of CoreChart and the 1 Day CoreChart Workshop for PICKit1. To find out about the PICKit1 Design competition. Use this address: <http://www.microchip.com/pictail-contest>. 1st Prize is US\$3000 from Microchip. Entry closes 15th March 2004. To read more about the acclaimed University High School CoreChart Robotic Peer Mentoring (RPM) Program which won the 2003 Australian Institution of Engineers AusIndustry Innovation Award for Innovation Skill Development. Use this address:

<http://www.elabtronics.com/news.htm>. The RPM High School students apply PIC robotic knowledge in Wine Making and Fish Breeding programs.

Electronic Design Synthesis

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Description:

Electronic Design Synthesis has been an Electronic Design and Development company since 1996. In that time many projects have been completed for a large number of clients. All stages of design are provided, from concept development, specifications, circuit and software design through to production samples and operator / user manuals. Projects undertaken range from one off specialized equipment through to mass produced consumer products. Some projects completed recently using PIC 16 and 18 micro-controllers are: – Networked dual motor controller with motor overload detection using load v position profiling, variable speed control, position encoder, enhanced Keeloq remote control decoder, with diagnostics and programming via a P.C. – Remote control receiver and transmitter systems using propriety and Keeloq formats. – Inductive loop vehicle detector. – Wireless data logger for monitoring and recording loads while driving screw piles used for building foundations. – Networked beer and food chilling controller and monitoring system with early fault detection, data logger and dial in access. – Coin operated controllers for vacuum cleaners, solariums, Internet kiosk connections, etc. – Handheld control board and remote control receiver programmer. – Hydraulic brake system for triple axle trailers with battery powered emergency (breakaway) brake operation. – Networked liquor and beverage dispensing, monitoring and auditing system with dial in access. A leading force in the success of Electronic Designs Synthesis is its ability to provide full featured and functional designs by utilizing the rich features available in the PIC micro-controllers.

Electronic Design Ware P/L

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Description:

FLC Microdesign Pty., Ltd.

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Description:

FLC MICRODESIGN Pty. Ltd., an Electronics Development and Manufacturing Company in business since 1993, specializes in industrial and consumer electronic hardware and software development from initial concept through production. We can improve your time-to-market and allow your in-house capabilities to focus on their core competencies. Examples of existing designs include: * RF and IR Remote Controls * RF Transmitters and Receivers * Identification Systems * Data Acquisition Systems * PID Controls * Statistical Analysis Battery Chargers * Security Systems, Automotive Test Equipment * Re-programmable Washing Machine Controllers * Water Purification System Controllers * Time Clock Data Logging Systems * Distributed Networks * Industrial Robotic Test Systems * Fiber Optical Test Equipment * Laser Controllers * Temperature Data Loggers FLC's experience with other microcontrollers (68HC11, Z8, ST62, 8051, etc) has enabled them to convert existing designs to PIC microcontrollers, improving reliability and part count as well as reducing a cost of production.

Gestech Pty Ltd.

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Description:

GESTECH Pty Ltd comprises a team of experienced professional engineers with a proven track record in the undertaking of electronics product and system development. GESTECH undertakes development projects ranging from complex system development through to simple consumer products design. Projects are undertaken on a contract basis, from design inception through to engineering development, production engineering, documentation and manufacturing support. GESTECH's engineers are University qualified with extensive industry experience. Resources cover a broad range of electronics and computing disciplines, resulting in capabilities that can be applied on a turnkey project basis, or integrated into a customer's team.

HiTech Air Systems P/L

David Kadow

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Description:

Hitech Air Systems P/L is an electronic R&D company specializing in the following areas; – Air Conditioning and VAV Controls – Security/Access Controls – Lift Controls – Building Management Systems – SMS Based Labour Tracking We provide a consultancy service for individuals or companies that require assistance with electronic product development – from conceptual stage through to manufacture.

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Description:

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Description:

Microbit has been developing PIC16/17 based products since 1990. Their expertise covers the complete design process from concept to product. With a strong emphasis on customer satisfaction, most products have exceeded the customer's expectations. Microbit's field of expertise covers networking, telemetry, power line carrier systems RF systems, motor control, access control, process control, automotive, medical, data logging, acquisition, security and Real time embedded systems. Several algorithms, optimized for PIC16/17 execution, have been developed. Some of Microbit's recent projects include emergency lighting networks, remote high security keypad, intelligent train door controller for Hong Kong railway, high performance car alarm systems, RF wide area network for personal security, tape dispensing controller, industrial fermentation controllers, indoor POCSAG

paging systems, industrial charger for battery banks, MOTRONIC simulator for Robert Bosch Australia, Power Line carrier based building automation systems. Their clients include security companies, heavy industries, automotive manufacturers, envelope manufacturers, plant equipment manufacturers and access control system manufacturers.

Moessis Solutions P/L

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Description:

With over 50 years of combined engineering know-how, we can offer any degree of assistance to commercialize your ideas. Our company can offer our clients a complete set of engineering services, from the initial concept to full product realization. We specialize in portable, microcontroller products.

Sam Wallace Electronics

Sam Wallace

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WWW:

Description:

Design Areas – Power Control and monitoring (mains) – Motor Control Systems (induction, and mains connected systems) – Pneumatic control Systems (Air control and automation systems) – High Current Switching controls (welding and power to 1Ka+) – Access Control Systems (interface and stand-alone systems, lift access control interface) – Intelligent locking systems (locks with embedded micro in the lock) – Data Logging (data collection from all of the above systems) – Programming and software upgrade in systems including PC control software and interface PCB's – Lighting control systems. – Interactive power filters with micro control and monitoring – Surge diverter Monitoring systems (High Power 150Ka) Design I am able to offer full design service from Idea to finished product, ready for manufacture. This includes PCB design, microprocessor selection, micro software, programmable logic array and firmware, and manufacturing programming requirements and test system to support product manufacture. This service includes sourcing all parts and quantity manufacture costing. Little or no electronics experience is needed to arrive at a finished product. Design specialised areas include modular design and distributed

intelligence systems (creating better faster systems with more redundant parts using several smaller processors). Full backup service in redesigning and upgrading products, as needed to review and upgrade products.

Telecontrol Pty Ltd.

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Description:

TeleControl Pty. Ltd. is a Brisbane based high end technology, electronics design and manufacturing company, established in 1995. The company specializes in providing complete system solutions. Design of hardware and software for process automation, and LAN/WAN networking is an integral part of it's business activities. Our expertise in providing complete system concepts, or parts thereof, enable us to be highly competitive in today's world of electronics and networking. TeleControl is dedicated to provide superior quality and excellence in response time to ensure total customer satisfaction. We guarantee a reliable and cost effective professional service throughout system conception to schematic and PCB design, software design to system integration, test and commissioning. All our designs are based on the latest technology in the sectors of analog and digital electronics. Revolutionary micro controller technology from low cost single chip to high end embedded systems, enable us to tailor a system specific to your needs.

VSB Pty Ltd.

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Description:

Collectively VSB staff have many years of experience in the design of embedded system hardware and software. Projects developed by VSB staff using Microchip components fall into two broad categories; Industrial electronics and Motorsport Electronics. A brief description of the projects undertaken in each of these areas is provided below. In all of these projects we designed both the hardware and the associated software.

http://www.microchip.com/stellent/idcplg?dcService=SS_GET_PAGE&nodeId=1471&countryName=Australia