

Albert Tejera

Skills

Microcontrollers:
Atmel AVR,
ATMEGA, 6800 /02
/05 /09 /705, 68000,
8080, 8085, 6502,
8530 TMS320,
assembly language,
BASIC, FORTH,
PILOT, LISP,
Arduino , C,C++,
html, programming
languages.

CAD/CAM
Experience:
Schematic Capture,
SMT Thru-hole
Gerber generation
with Protel
99(Altium), OrCad
and TANGO PCB,
and DesignCad for
2D DXF

Microsoft Office
(Word, Excel,
PowerPoint, Project),
Visual Basic,
Quickbooks,
Dreamweaver,
Pinnacle, Sonar,
Bilingual, Speak
English and Spanish
fluently.

Contact Information

13016 Shadow Run
Blvd.
Riverview, FL 33569
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FAX:(813) 283-1257

atejera@tmenet.com

Summary

Experienced with all phases of successful product development, thru production and marketing phases. Specialized in the design of both software and hardware embedded microprocessor and DSP controllers in industrial control, robotics, battery charger, communications, security, medical and test instrumentation markets. Accomplished at digital and analog electronics, and embedded software designs and test fixtures/procedures in communications, measurement and controls. Reputation for delivering quality designs, on time, and within budget. Several solid successes with worldwide distribution.

Employment

Consulting Engineer

1988–Present **TME Inc.**

Riverview, FL

- Designed consulted and developed products/circuits/services for clients: robotic pill dispenser sensor/motor control electronics, Li-Ion battery chargers, beverage dispenser electronics systems QA consultation, facial massage PCB board layout, LED sign board layout, pay lockout ISA bus device for leased PC compatibles, TENS unit for the medical market, cell phone modem interface, custom re synchronization modem, a DSP based network management card, an external text to speech converter for PC's, a digital ultraviolet light absorption meter and many other PC board re-designs, feasibility studies and papers.
- Created successful line of products for the Radio Control device market with worldwide distribution including a Li-Ion / polymer balancing battery charger with downloadable firmware. NiMh/NiCad battery timer products, radio operated fluid pump for smoke effect, ignition timing device, and an audible NiCad Battery monitor among other products.
- Managed all electronic and mechanical manufacturing, marketing, quality control testing of RC products via contract manufacturing both domestic and abroad.
- Created and produced online educational material (papers, manuals, videos, and podcasts) related to battery charging, electronics, and other Radio Controlled related topics.

Engineering Manager – Advanced R&D Group

1985-1988

Case Communications Inc.

Largo, FL

- Technical lead for engineering team responsible for researching and prototyping the company's critical future markets. Managed development of Network management card for T1 switch. Systems designer and team leader proprietary T1 based LAN. Designed and Developed hardware to add enhanced analog capabilities to a network management product

