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→ Zeb's Quarter

Seasons Greetings! Happy Holidays! Merry Christmas and Happy Chanukkah and Happy Kwanzaa and Feliz Navidad and God Jul and even Happy Christmas for my British friends and enemies, and all that there happy other stuff. Or even Happy Sit on the Couch and Drink a Glass of Oh Be Joyful and Watch Three Hundred Pound Behemoths Beat Each Other into Living Pulp Day.



See you next year, and may that new year be happy and prosperous and filled with manufacturable designs and successful product launches (Chuck made me add that there last part).

Zeb

IDA Sale!

\$1000

For a limited time Zebulon Solutions is offering a preliminary Independent Design Assessment (IDA), normally priced at \$3000, for only \$1000. This includes an 3-4 hour on site (for Colorado; web meeting otherwise) review by 2-3 of our productization experts, follow up, and a report on our findings. See our web site for *details* on the IDA process.

Fine Print:
 PO must be received by December 31, 2011. New and return customers welcome. Limit 184 IDAs per customer.

→ Happy Holidays to everyone!

This time of year is when we begin to slow down and reflect back to our beginnings and of course our family. Forget about the busy weeks that we have all gone through during the course of the year and probably should have spent more time with the kids, there isn't much we can do about those



days now. These times are tough and find solace in the fact that you are not alone in your frustration. Enjoy the season and reconnect with life. But, in another week or so it will be the time to begin thinking about the future and next year's projects that are getting ready to launch. When those thoughts begin to come around, after the eggnog wears off, as a resolution suggestion, thinking about how your company can work more efficiently and smarter could be a topic of thought as you are watching the kids play with their new toys and gadgets.

Zebulon Solutions started as a services company centered on assisting companies like yours to getting your products into production faster, cheaper and above all smarter. This is what we have done for collectively more than 100 years. But, for now, enjoy the slow down and the Holidays. You deserve the break. Good work.

Keith

Featured Blog

Ka-Boom: Power Management Circuitry. Where Not to Skimp on Design

In this modern, über cost conscious age, where every organization is trying to lean up or cut corners, depending on one's perspective, there are a few places where it's just plain dumb to cut corners (see also It's Not All About Costs). One of those is safety. But safety issue are not limited to medical instruments or heavy machinery or toxic gases. One of the most potentially dangerous objects in most homes and work environment is the ubiquitous lithium battery. They're in toys, phones, laptops and yes, electric vehicles. And they can catch fire and blow up if not properly handled, as exhibited by recent highly publicized instances of iPhone and Chevy Volt fires.

But here's the rub: they absolutely will catch fire or even worse explode if the circuitry surrounding the batteries is not implemented extremely well. Not can, will. And furthermore, with products containing such batteries becoming more and more common place, many design teams and especially non technical management are starting to think the the design and test of the power management circuits that surround these batteries is simple. It is not. <<more>>

Chuck

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