

From: "SRSmith" <scott@srsmithtechnicalassembly.com>
Subject: **Re: ... back to you**
Date: September 3, 2008 8:04:14 PM EDT
To: "PulsarProFX \(\Frank Miller\)" <mail@pulsarprofx.com>
▶ 1 Attachment, 5.0 KB

Hi Frank,

Thanks for the reply.

I am setup for most small quantity assembly jobs and board mods. All my soldering and rework is done under a 35X microscope. I can do most SMT package types including BGAs, and the various leadless parts like QFNs. I can also do 0201 parts. My main customer routinely gives me .5mm pitch connectors that have center connections that solder blindly underneath to ground pads with hot air. My space is setup for non-ROHS work at the moment since most prototype work is leaded solder. I can still solder lead free parts but I use leaded solder. I may consider going ROHS eventually but my customers don't really want it for prototyping. I have done some small runs for GRAVITECH inc in Nevada. I assembled 20 Arduino Nano boards for them. Here is the link... <http://www.arduino.cc/en/Main/ArduinoBoardNano>

You can also check my site for examples of my work. You will see one of my rework assignments where I replaced 30 .5mm pitch HIROSE connectors that were poorly installed by an overseas CM. Here is my examples page... <http://www.srsmithtechnicalassembly.com/examples.htm> Scroll down for the rework assignment. The very bottom picture shows a flex board and a black SAMTEC connector. The connector has center blades that are soldered to ground underneath the part with hot air like a BGA. The grounds can not be soldered by hand.

I usually do consignment jobs (you provide the parts) and the jobs usually end up costing less than my online estimator. I can also assemble most cables too. Sometimes this depends on the crimper needed. I can order the proper crimper if I do not have it, depending on the lead time. Most of my crimpers are for MOLEX and AMP.

Basically, I provide assembly and technician services as if you had your own in-house technician. Once assembled, I can power the item and do any current checks or operations that you prefer. This is a good sanity check for new designs which usually saves additional shipping or travel time.

If you want to send me some pictures or examples of your project, I can give you my thoughts on it and possibly a rough price. Many times I have gotten a project and offered ways for improvement or enhancements. I hope to hear from you soon and I hope this answers your question.

Thanks,

Scott