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ELECTRO-MECHANICAL ASSEMBLY

ELECTRO-MECHANICAL ASSEMBLY FOR YOUR SUBSYSTEM ASSEMBLY OR BOX BUILD

SHINE provides electro-mechanical assembly services for subsystem and full system assembly (box build). Our capabilities include design assistance, component sourcing, prototyping, and production. With our just-in-time manufacturing capabilities, we can even build your electromechanical assemblies on demand from parts in our inventory.

SUBSYSTEM ASSEMBLY AND FULL SYSTEM ASSEMBLY (BOX BUILD)

Using your drawings or specifications, SHINE provides electro-mechanical assembly services such as board-level assembly, chassis and rack panel wiring, and front panel assembly. From board interconnections, chassis wiring, and motor wiring to work with racks and test fixtures, SHINE is the right choice for electromechanical assemblies such as:

- Box builds
- Enclosures
- Chassis
- LED assembly
- [Switch assembly](#)
- DIN rail assembly
- Power panel assemblies
- Fan Trays
- [Fan Assembly](#)
- [Fan Modification](#)



GET A QUOTE

Do you need custom cable assembly, wire harnessing, or electro-mechanical assembly services? Are you looking for engineering support, too? SHINE is ready to help.

[GET A QUOTE](#)

ELECTRO-MECHANICAL ASSEMBLY AND DESIGN ASSISTANCE

Do you need design assistance for electro-mechanical assemblies? SHINE can help you with important design for manufacturability (DFM) tasks. Our experts can also help you to upgrade, redesign, re-evaluate, or modernize existing electro-mechanical assemblies in order to improve performance and reduce manufacturing costs.

DFM is especially important because it involves a series of related decisions during the development process that ultimately support electro-mechanical assembly. For example, DFM can mean reducing the number of components or fasteners, finding innovative ways to use a single part for multiple functions, or helping with component sourcing and material selection.

ELECTRO-MECHANICAL ASSEMBLY AND COMPONENT SOURCING

In addition to design assistance, SHINE can help you with component sourcing. Through parts sourcing and inventory management, we don't just strengthen your supply chain. We add value to your operations. Kitting, quality control testing, vendor selection, and billing are also ways that we help you to achieve cost-saving efficiencies.

ELECTRO-MECHANICAL ASSEMBLY FROM PROTOTYPING TO PRODUCTION

Electro-mechanical assembly from SHINE also includes prototyping so that you can test product features and capabilities prior to full-scale manufacturing. Then

Electro-mechanical assembly from SHINE also includes prototyping so that you can test product features and capabilities prior to full scale manufacturing. Then, based on your production requirements, SHINE can manufacture and deliver the electro-mechanical assemblies that you need on-time and on-demand.

GET ANSWERS TO ELECTRO-MECHANICAL ASSEMBLY QUESTIONS-

Do you have questions about electro-mechanical assembly? Did you know SHINE also provides [custom cable assembly](#) and [wire harnessing](#) services? Whether you're ready for a quote or have a question about your specific application, we'd like to hear from you.

Contact us at our manufacturing center in Adams, Massachusetts for more information.

"During our recent spike in business the SHINE team really came through for us with in short notice. Pass along my gratitude to the entire staff."

Jeff - Smith Medical



Certified to ISO 9001:2015 TÜV Rheinland
Precisely Right.



Get a quote for your project

CONTACT US TODAY

ABOUT

SHINE is an Massachusetts-incorporated, ISO 9001:2015 registered company with automated tooling, a highly-trained workforce, and a commitment to your success.

NEWS

Three Reasons to Visit SHINE at the New England Design-2-Part Show
September 24, 2018

SHINE Will Exhibit at the 2017 Design-2-Part Tradeshow in Marlboro, MA
April 27, 2017

BLOG

Cold Chain Monitoring and COVID-19
November 17, 2020

Transforming Your Company Digitally and Personally
October 28, 2020

Three Ways to Reduce Supply Chain Risk in a Post-Pandemic World
September 28, 2020

Humbition and the Art of Leadership
August 17, 2020

How Electronics Manufacturing Will Change Because of COVID-19
June 11, 2020

TWEETS

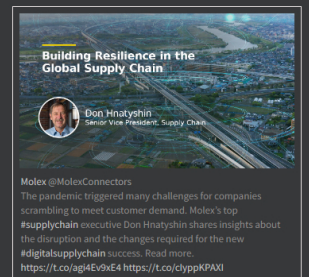
SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Saturday, April 23rd, 2022 at 9:52am
Current Career Opportunities at ComSonics #jobs <https://t.co/9w00b1hu1A>

SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Saturday, November 6th, 2021 at 8:28am
Understanding and sharing the feelings of others is emerging as a critical leadership trait, but how can you be sure you are truly empathetic, and not just sympathetic? <https://t.co/pB8h4sG5bL>

SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Saturday, July 31st, 2021 at 8:20am
Outstanding Massachusetts based supplier. High five @SagerElectric <https://t.co/aYMLGgR6r1>

SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Monday, June 14th, 2021 at 9:00pm
JIT in a boom, a tall task. <https://t.co/d0l1N76U4>

SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Saturday, June 12th, 2021 at 9:20am
The pandemic has both profoundly disrupted and accelerated the digital economy and is redefining what good looks like for B2B and B2C supply chain performance. Good read @MolexConnectors <https://t.co/On5SLouGAF>



Molex @MolexConnectors
The pandemic triggered many challenges for companies scrambling to meet customer demand. Molex's top #supplychain executive Don Hnatyshyn shares insights about the disruption and the changes required for the new #digitalsupplychain success. Read more. <https://t.co/ag14Ev9xE4> <https://t.co/clpppKPAxI>

SHINE Shine-A ComSonics Inc Company- Employee Owned @ShineWire
Saturday, May 8th, 2021 at 5:20pm
The current state of copper in the supply chain is creating challenges in the wire and cable assembly sector. Contact SHINE to learn how

we are managing the copper situation.
<https://t.co/8a1aFq1uPt>

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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Sunday, March 28th, 2021 at 10:08am

SHINE-a reliable and cost effective contract manufacturer of cable assemblies for medical devices. <https://t.co/wKnz9TXnFr>

Research, Compare and Locate
Medical Device Manufacturing Companies

Medical Design SOURCING **500+ LISTINGS**

MassDevice @MassDevice
Looking for a complete list of #Medical #Manufacturers & #Suppliers?

Visit <https://t.co/Ud3mNUk7su> for a full directory of companies organized by #Products, #Supplies, #Services, #Equipment, #Certifications & more. <https://t.co/EsirkwagUj>

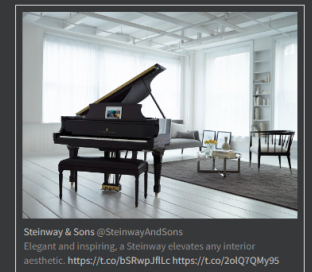
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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Sunday, March 14th, 2021 at 8:03pm

Thing of beauty. 😊 <https://t.co/CHhF2UQZiZ>



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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Friday, January 29th, 2021 at 9:44am

Supply Chain congestion at the ports present big challenges for manufactures. <https://t.co/vdFh7bBZ3u>

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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Sunday, December 13th, 2020 at 9:59am

The SHINE staff is proud in our role we are playing in this historic event. #sensor #cableassembly #vaccine #Moderna #Pfizer <https://t.co/mqH06Fwpka>

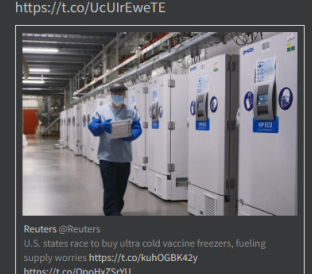
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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Friday, November 13th, 2020 at 10:30pm

SHINE's dedicated manufacturing resources toward COVID related products remains busy assisting cutting edge manufactures ramp up for vaccine distribution. <https://t.co/UcUirEweTE>



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Shine-A ComSonics Inc Company- Employee Owned
@ShineWire

Thursday, October 22nd, 2020 at 8:02pm

Interesting read with interactive charts. <https://t.co/G20E0dnlTH>

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