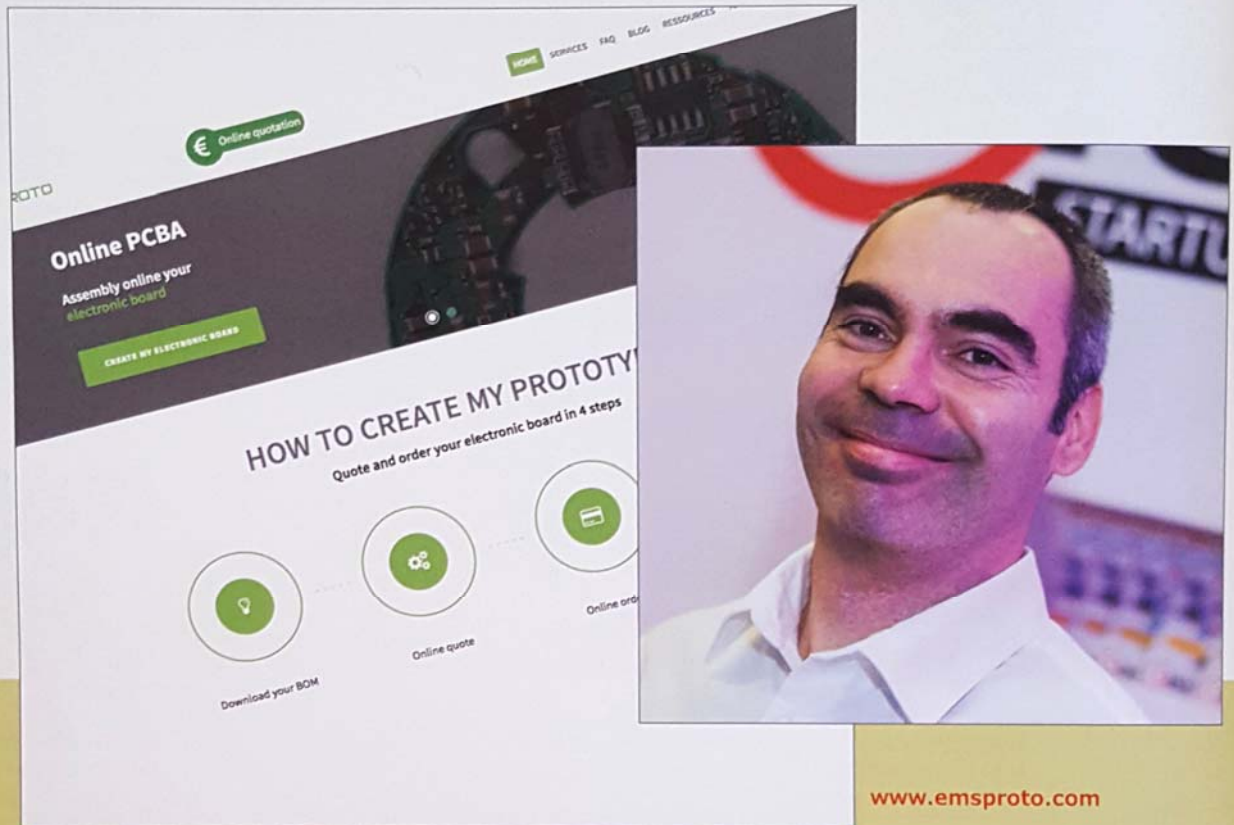


EMSPROTO [France]

Your electronic prototype in a few clicks



EMSPROTO

Online quotation

HOME SERVICES FAQ BLOG RESOURCES

Online PCBA
Assembly online your electronic board
CREATE MY ELECTRONIC BOARD

HOW TO CREATE MY PROTOTYPE
Quote and order your electronic board in 4 steps

Download your BOM

Online quote

Online order

www.emsproto.com

Fast prototyping is the new innovating service from EMSPROTO providing a quick online and complete quotation of your electronic prototype.

No need to wait for a quotation, do it yourself !

Download your bill of materials (BOM) and then follow the instructions.

Our website allows you to check the price and the availability of each component in the database of the major suppliers. No more need to struggle on each supplier website to get the best prices, we do it for you in less than a second.

Our production can deal with SMD, Hole through, PressFit.

On the PCB form, we cover many options, if you cannot find what you want don't hesitate to contact us.

Our up-to-date equipment gives you access to the most complex technology, such as MicroBGA (μ BGA), LGA, Flip chip, fine pitch even for ONE electronic prototype.

The Problem

Ever wanted to know how much cost your electronic board? For 1 board or for 50 boards.

Ever wanted to know what is the most expensive? The PCB, the components, the connectors or the assembly labour?

Ever wanted to get your electronic prototype on your desk in a few days?

Bored to quote and buy your components one by one?

Have ever wasted your time searching for a component failure or a PCB problem?

Have you ever wanted a PCB design to make your ideas come true?

Do you wish to reduce the cost of your board and industrialized your prototype?



The Solution

On www.emsproto.com, we can instantly quote the PCB, the components and the assembly labour AND order online your PCB assembly.

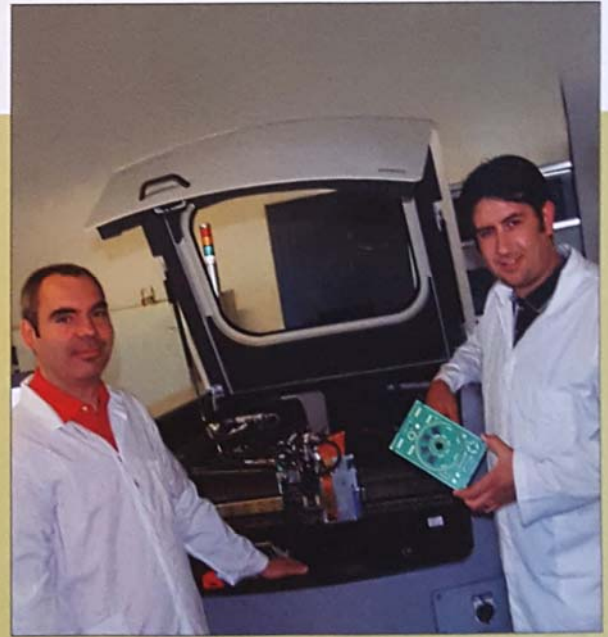
We purchase all the components and the PCB at the best price and assemble your electronic board with our fully automated SMT line; Even for ONE board !

With our rework station we can replace all types of components, apply track modifications, and carry out circuit base board repair.

Our CAD team completes all necessary tasks to insure you get an up-to-date PCB design.

We analyse and optimize all the steps for the production of your PCBA, while reducing the carbon footprint and increasing ratio quality/price.

The Doers



Damien MICHAUD and Pierre Yves SEMPERE, two electronics engineers, driven by their passion of electronics, decided to make real the production of prototype.

EMSPROTO was born in 2015 and established a fully automated SMT line production.



EMS PROTO
Rapid Prototyping & Electronics Manufacturing Services

The Prospects

Anybody who needs quick and easy assembly services for a short lead time with low volumes, as few as one board.

Engineers, researchers, professors from university, study offices and product maker companies use our prototype services with great satisfaction.

Their enthusiasm comes from our precise technical answer to their needs.

Our website is making connections between the customers and the suppliers of components and PCBs. We offer an automatic search in the supplier database (RS, Farnell, Mouser, Digi-Key...) where the engine checks the availability of components and delivers an instant quote at the best price.

All the customer's orders are available on the website and can be tracked on every production steps.

Once the production is complete, the customer can download specific manufacturing report with described steps of the production and all the faults that our team found and resolved. This helps engineers to improve their prototype before mass production.

The Technology



We have fully automated the production of electronic prototype.

We built the first European SMT line dedicated to prototyping.

Our latest generation equipment is able to pick and place small components down to 01005 packages. All passive components are tested electrically. We are using many technologies for assembling surface mount components in different packages such as μ BGA, BGA, Flip chip, FinePitch, through hole components, Press-fit connectors .

Our factory is build on the principle of pooling technology, and that is why there are no tooling charges.

With Automated Optical Inspection (AOI) we are able to automate First Article Inspections (FAI) and subsequent production quality inspection tasks without programming. Detailed analyzes of certain assembled components and PCBs are accessible with our X-Ray Inspection.

The Questions



Ranking

What do you need the most to make your project a success?

Rank the options below from 1 to 4 where 1 is the most important.

1. Marketing
2. Finance
3. Operational support
4. Technology support

Tell us a little bit more about option 1. What do you need?

To get to be known by the electronic engineers and electronics hobbyist community.

Markets

What are your primary markets? And what are your secondary markets?

Primary: Europe, as we are in the fast lane, there is no point in making a board in two days and then have 7 days shipping. Since in the EU we have no border limitations we can ship all of Europe.

Our first goal is to have a good market in Germany and Italy. And if things go well to expand in the rest of the world. In the USA we have competitors, but they are not as transparent as we are. So on that feature we could have a place.

Target groups

Who are your primary target groups? And what are your secondary target groups?



Everyone who has a board to assemble can be our customer. Such as design houses and products manufacturers (who have electronics in their products), the hobbyist community, R&D engineers, products electronic designers and all kind of electronic enthusiasts.

Channels

Which channels are you using, or would you like to use, to bring your product to market?

Internet. It enables us to reach people easily and it is not very expensive to get in touch with people. Therefore it is a good medium for us. We are transparent on the price, whoever you are, whatever you do, everyone gets the same price.

Investment

How much financial investment are you aiming for?

We already invested €850K for our SMT line. Now we are looking for 1 million euros to improve our first line and maybe setup a second one, and hire people.

Plus

Is there anything else you would like to tell us about your project?

It would be great to work with Elektor as Elektor readers are mainly the people we try to reach. Our main market is professionals but what we would like to do is to give the electronics community the possibility to work and design with the latest components. ■

