

# Prototype Production - Calculation examples

Efficient development of electronics implies fast production of prototypes - in the West Ukrainian city, Ivano-Frankivsk, we have our own prototype factory, where we can make low-volume prototype series in less than 24 hours from gerber-files to finished electronics.



## PCB example 1: 3 pcs - 14,9\*14,3 cm

PCB's 6 layers:	917 EUR
Components:	266 EUR
Mounting:	357 EUR
Bring up*:	30 EUR
<b>Total:</b>	<b>1570 EUR</b>



## PCB example 2: 5 pcs - 11,6\*5 cm

PCB's 4 layers:	323 EUR
Components:	225 EUR
Mounting (2 sides):	436 EUR
Bring up*:	10 EUR
<b>Total :</b>	<b>994 EUR</b>



## PCB example 3: 20 pcs - 3,4\*1,8 cm

PCB's 4 layers:	309 EUR
Components:	87 EUR
Mounting	348 EUR
Bring up*:	34 EUR
<b>Total :</b>	<b>778 EUR</b>

\*Bring up includes programming of e.g. controllers and check of power supplies

## How to order prototypes

1. Contact EKTOS by mail at [info@ektos.net](mailto:info@ektos.net) or call your nearest office.
2. Provide details about your prototypes:
  - Bill of Materials (BOM)
  - PCB size and technology
  - Quantity to be produced
3. Receive a quotation with information on:
  - Price of the order
  - Production timeline
  - Options for delivery and costs
4. Confirm the order.

## The production process

1. After you place the order, you send us your gerber-files.
2. We manufacture the raw PCB's.
3. We populate the PCB's with BOM components that:
  - you sourced yourself (fully or partly) and/or
  - we sourced upon your request
4. We bring up the prototypes.  
The steps of the production typically take less than 24 hours and are completed in one uninterrupted work-flow at one location.

## Delivery

We can send the produced prototypes either with a conventional shipment company or with our courier who can bring the prototypes directly to your door. Delivery time within to EU countries is typically from one to three business days depending on location and method.

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