

Dear customer,

Thank you for choosing Eurocircuits as your partner for your PCB and Assembly requirements.

During the analyses of your data, our engineers have found some **Design Rule Check** and/or **Design For Manufacture** issues as listed below that require your attention.

Wherever possible we have proposed a solution, however this may require changing the technology parameters of your order to the values found in your board data. This may have an effect on the cost and/or may also require new data to be uploaded.

Our customer service people are available to help you resolve these issues in the most efficient way possible either by on-line chat, e-mail or telephone.

How to resolve the issues at hand?

Our data preparation engineers will send remarks about your data in two ways:

1. They detect a problem but are confident that they can offer you a solution which will suit you but need to check with you and ask your approval to continue. How to deal with this is explained in the [Pre-production approval](#) chapter on our website.
2. The problem they detect cannot be solved without your explicit help. More intense consultation with you and your approval or action is required. How to deal with this is explained in the [How to Resolve Exceptions](#) chapter on our website.

Should you require assistance, please do not hesitate to contact us. Our general contact details are:

- E-mail - euro@eurocircuits.com
- Chat is on – www.eurocircuits.com
- Phone - +32 15 28 16 30 (Belgian head office – customer service department)

You may also contact your local Eurocircuits office should there be one in your area. [Information is available here.](#)

We will make sure that your question is addressed as soon as possible.

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1. Please check: Your order is for single PCB with Assembly service

You have ordered this as a single PCB with Assembly service for it.

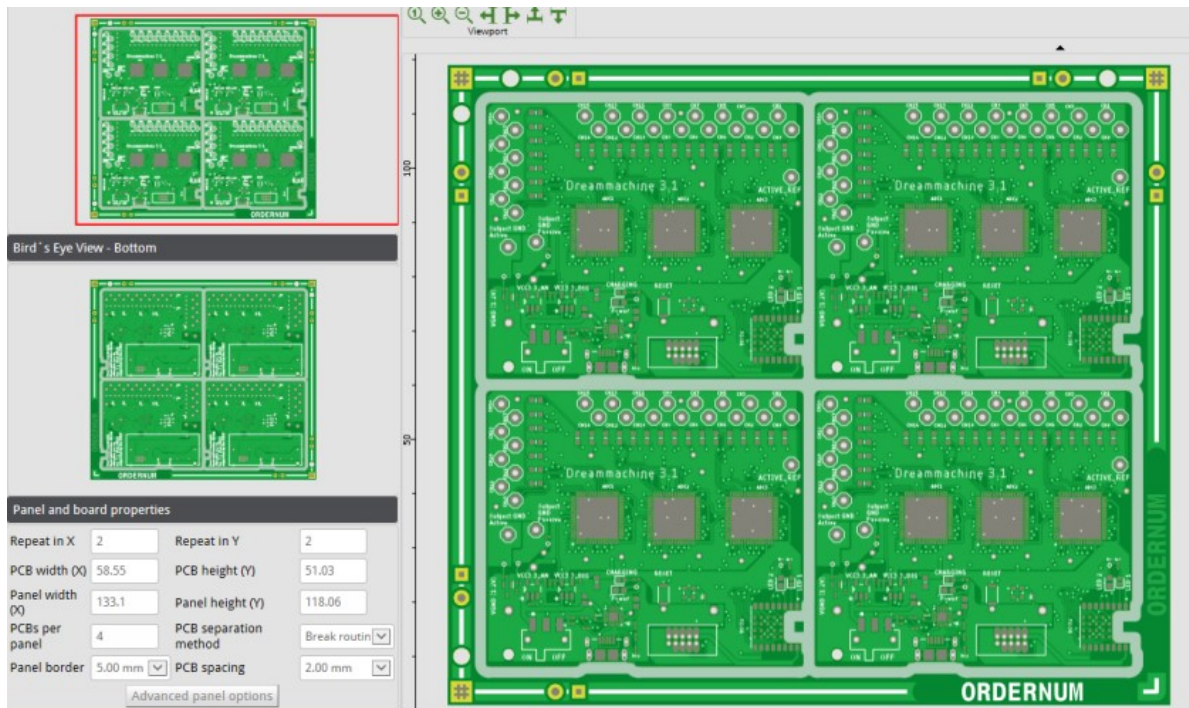


Implemented Solution

For optimal assembly production we have changed the order details from Single PCB to a PANEL. Refer below image :

We have changed the order detail parameters and recalculated the price accordingly.

We have also selected the option "No border - Single PCB" in the order details. It means that you will get Single PCBs delivered after production.



2. Please check: Suggested Alternative Parts for Out of Stock/Insufficient Stock of Requested Parts

Our engineers have found the following manufacturer part numbers are either out of stock or there is insufficient stock with our standard suppliers.

CR0201-JW-202GLF (For R43, R69)

GRM033R60J225ME47D (For C3, C19, C22, C23, C33)

Suggested solution

We would like to suggest using the alternate manufacturer part numbers.

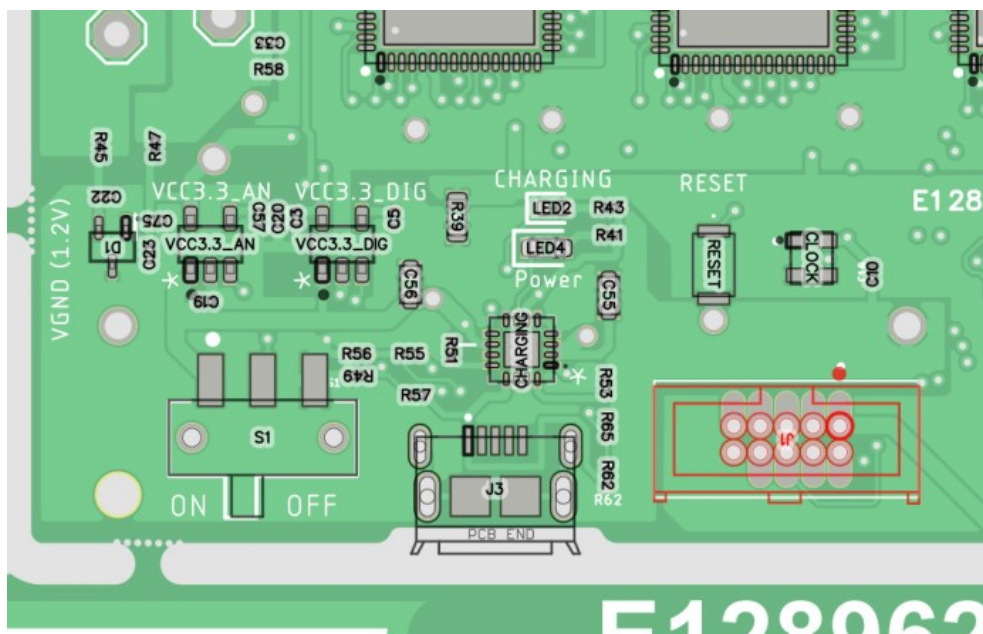
RC0201JR-072KL (For R43, R69)

02016D225MAT2A (For C3, C19, C22, C23, C33)

Please approve the use of these alternatives.

3. Action required: Overlapping Component Bodies/Pads

Our engineers have found that the leads of component "J1" mounting at Top Side is overlapping with body of component "U2" mounting at Bottom Side as shown in below images.



Requested action

Please upload modified data.

Solve your data issues online as fast as possible!

The best and fastest way to resolve these data issues is online. Go to www.eurocircuits.com and log into your account. Then proceed as follows:

Exception overview

View detail Ask a question

Order/Inquiry No.	Order	Service	Project ref	Purchase ref	PCB name	PCB qty	Delivery term	Order/Inquiry date	Exception date	Original delivery date	New delivery date
E571999	Order	STANDARD pool				50	3 Working days	05 Aug 2013	05 Aug 2013	08 Aug 2013	09 Aug 2013

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Useful information to help solve any technical issue:

View Exception Details

Confirm Cancel Order Modify

Problem Stage

Order No.

Exception date

Summary Problem Description

Problem Description

Summary Solution Description

Solution Description

Commercial Action Required

Analysis

E571999

05 Aug 2013

See attached document.

See attached document.

CONFIRM or MODIFY

Use the CONFIRM button to positively confirm the problem and allow us to continue with the order as it is. - OR - Use

File	File Type	File Size (KB)	Date-Time	Download
E571999.pdf	EXCP	220.00	06/08/2013	Download

Useful information to achieve “Right First Time for Manufacture”:

Right First Time

What does an engineer need to do to achieve “Right First Time for Manufacture” by his preferred partner? [Find out here!](#)

Your DATA

The most favorable data formats for PCB manufacturing are native CAD formats. We accept EAGLE and KiCAD native data. If this is not available, then we prefer Gerber X2 data.

We have summarized all this information [on our website on this page](#).

Design Rules

Eurocircuits provides a high standard of technical information on PCB manufacturing technology and what is required in the design to make it manufacturable.

- Our [PCB Design Guidelines can be found here](#).
- Our [Assembly Guidelines can be found here](#).
- For [EAGLE, Altium and KiCAD we have DRC settings](#) that can be downloaded from our website.

These guidelines are continuously updated as technology and capabilities change. We keep all of our information on our website, giving you easy access to the latest updates.

PCB manufacturing tolerances

We analyse your data in detail as it must be useable for the production process. Any manufacturing process is limited by its tolerances as is PCB manufacturing. Understanding this as a designer will help you to improve your design to achieve "Right First Time for Manufacture". We have written a chapter on our website, "[Understanding Manufacturing Tolerances on a PCB](#)", to help you understand where these tolerances arise from.

Eurocircuits Services

Eurocircuits offers many PCB services which are defined by their base material. All these services are manufactured in-house in Europe by us and are aimed at your prototype and small series requirements:

- [PCB services](#)
- [Assembly services](#)

PCB manufacturing and Assembly under one roof offering a one stop shop coupled with the best suit of online DATA support tools ([PCB Visualizer](#) and [PCBA Visualizer](#)), leads to fast turnaround, Right First Time, On Time and On Budget deliveries to guarantee your best possible time to market.

TECHNICAL TERMS & ABBREVIATIONS [can be found here.](#)

Contact Eurocircuits.

Should you require assistance, please do not hesitate to contact us. Our general contact details are:

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