

# PCB-direct - Guided Tour

## Content

Login .....	2
Register.....	2
PCB-direct front page .....	3
How to create a quotation .....	4
Special specification .....	5
Layout .....	6
Attachment.....	8
Quote.....	9
Receive your quotation on email .....	10
Order.....	11
Monitor your orders.....	12
Documentation.....	13
Personal settings .....	13
Contact PCB-direct.....	13

# PCB-direct - Guided Tour

## Login

Enter your username and password in the fields and press the **“login”**-button to access the online calculator and order management system.

*(Don't have a username or password? Please continue to the next step)*



### Login

Login :

Password :

Log ind

» Register as new user

» Forgot Password

## Register

To register a new user, you must press the **“Register as new user”**-button and continue to the registration form. (The **“Register as new user”**-button is located under the **“Login”**-button.)



### Register

Username :

Password :

First name :

Company :

Mobile :

City :

Country for delivery :

Send invoice to :

Confirm

Email :

Repeat Password :

Last name :

Phone :

Street :

Postalcode :

Currency :

In order to register and use PCB-direct, you must fill out the register form and accept the **“PCB-direct basic agreement”** by checking the box **“Agree”**.

When having pressed **“Confirm”** an email with your request is sent to PCB-direct staff, who will evaluate your request within 24 hours. PCB-direct staff will notify you by email, as soon the user request has been evaluated.

# PCB-direct - Guided Tour

## PCB-direct front page

The PCB-direct front page is your personalized page, where you can create quotations, view your quotations and monitor your orders.

You are also able to access useful features as documentation, personal settings, contact PCB-direct and logout from the program. *(These features will be explained later in this guide.)*

### PCB-direct frontpage

- » Create quotation
- » Documentation
- » Personal settings
- » Contact PCB-direct
- » Logout

#### Your quotations:

ID	Reference	PCB reference	Layers

#### Your orders:

ID	Your PO-nr.	Order date	Part no.	Quantity	Total days	Delivery date	Total Price	Status	Repeat order

# PCB-direct - Guided Tour

## How to create a quotation

When looking at the PCB-direct front page, you must press the **“Create quotation”**-button in order to begin your quotation.

### PCB-direct frontpage

» Create quotation

» Documentation

» Personal settings

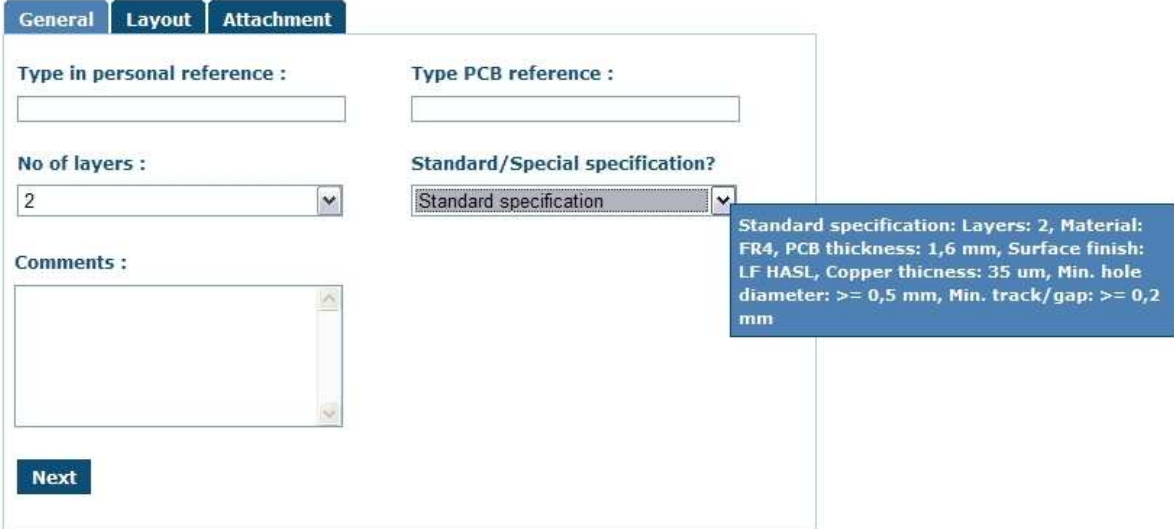
» Contact PCB-direct

» Logout

Having pressed the **“Create quotation”**-button a new page called **“Specification”** will appear. At top of this page you will find three tabs, **“General”**, **“Layout”** and **“Attachment”**, you will be navigated though these when pressing **“Next”** or by pressing on one of the tabs.

### Specification

» Back To Home



The screenshot shows the 'Specification' page with three tabs: 'General', 'Layout', and 'Attachment'. The 'General' tab is active. It contains the following fields:

- Type in personal reference :** A text input field.
- Type PCB reference :** A text input field.
- No of layers :** A dropdown menu with '2' selected.
- Standard/Special specification?** A dropdown menu with 'Standard specification' selected.
- Comments :** A text area.
- Next** button.

A tooltip is displayed next to the 'Standard/Special specification?' dropdown, showing the following details:

Standard specification: Layers: 2, Material: FR4, PCB thickness: 1,6 mm, Surface finish: LF HASL, Copper thickness: 35 um, Min. hole diameter: >= 0,5 mm, Min. track/gap: >= 0,2 mm

First you must enter a personal reference for the quotation and the PCB reference.

As default the program is set to **“Standard specification”**, which means that some standard values have been preset. You can see which values by holding the marker above **“Standard/Special specification?”** or by selecting **“Special specification”** in the option box.

# PCB-direct - Guided Tour

## Special specification

When “**Special specification**” has been selected, the page will expand and you will be able to specify your PCB in details.

<b>No of layers :</b>	<b>Standard/Special specification?</b>
2	Special specification

<b>Surface finish :</b>	<b>Material :</b>
LF HASL	FR4 Std.
<b>Copper thickness :</b>	<b>PCB thickness :</b>
35 <small>um</small>	1.6 <small>mm</small>
<b>Min. hole diameter :</b>	<b>Min. track/gap :</b>
>= 0.5 <small>mm</small>	>= 0.2 <small>mm</small>
<b>Color of soldermask :</b>	<b>Other type of mask :</b>
Green	None
<b>Gold finger :</b>	<b>Edge plating :</b>
No	No
<b>Impedance :</b>	<b>Pressfit requirements :</b>
No	No
<b>Choice of Build-up :</b>	
None-specified build-up	

**Comments :**

**Next**

After you have specified you PCB, please press “**Next**” and continue to the layout page.

# PCB-direct - Guided Tour

## Layout

At the layout page, you can decide if the PCB should be panelized or not. If you don't want to have the PCB placed in a panel you should simply enter the x and y-dimension of the PCB.

If you would like to step-up the panel, you should select **"Panel"** in the **"Single cut or panel layout"** box.

 Specification

---

General

Layout

Attachment

Single cut or panel layout?

Single

Select "Panel" if penalization is required otherwise choose "single"

PCB-dimension :

100

mm (X-direction)

160

mm (Y-direction)

Comments regarding fiducials, tooling holes etc.?


Back

Next

When **"Panel"** has been selected, some new options will appear.

If you provide your own panel drawing, select **"Your own panel"** in the **"Panelization with help by Azitech or according to your own layout?"**.

*(Remember to upload the panel drawing along with the gerber data)*

 Specification

---

General

Layout

Attachment

Single cut or panel layout?

Panel

Panelization with help by Azitech or according to your own layout?

Your own panel

X-out allowed :

Yes

PCB's per panel :

4

Panel-dimension :

230

mm(X-direction)

Panel-dimension :

350

mm(Y-direction)

Comments regarding fiducials, tooling holes etc.?

Back

Next

# PCB-direct - Guided Tour

If you would like Azitech to panelize your PCB, you should select **"Azitech"**.

Fill out your requirements and press **"Next"**.

## Specification

**General** **Layout** **Attachment**

Single cut or panel layout?  

Panel

Panelization with help by Azitech or according to your own layout?  

Azitech

X-out allowed :  

Yes

PCB Dimension :  
100  
mm(X-direction)

PCB Dimension :  
160  
mm(Y-direction)

No. Of PCB's :  
2  
pcs.(X-direction)

No. Of PCB's :  
2  
pcs.(Y-direction)

Distance between two PCB's :  
0 mm

Size of panel border?  
10 mm

Panel dimension (X) (total size)  
220

Panel dimension (Y) (total size)  
340

Numbers of PCB's in the panel  
4 pcs.

Comments regarding fiducials, tooling holes etc.?

Back

Next

# PCB-direct - Guided Tour

## Attachment

Locate your gerber data and panel drawing if "**Your own panel**" has been selected, the files will be uploaded to a secure PCB-direct server when "**Next**" has been pressed.

*(Your specifications will automatically be saved to "**Your quotations**" on the PCB-direct front page, when pressing "**Next**".)*

## Specification

**General** **Layout** **Attachment**

Please locate your gerber data and panel drawing if "Your own panel" has been selected. The files will be uploaded to a secure PCB-direct server, when "Next" has been pressed

**Gerberdata (file :1)**  
  File not uploaded!

**Gerberdata (file:2)**  
  File not uploaded!

**Gerberdata (file :3)**  
  File not uploaded!

**Gerberdata (file :4)**  
  File not uploaded!

Your quotation will automaticly be saved to "Your quotations" on the PCB-direct frontpage, when pressing "Next"



# PCB-direct - Guided Tour

## Quote

The quote page is the final step in order to calculate the price of your PCB, all you have to do is to select or enter desired “Transport mode”, “Quantity” and number of “Production days”.

 Quote Back To Home

---

Specification  
Guidet Tour

Transport mode  
Express

Quantity  
10

Production days  
7

Get results  
Calculate

Economy: Economy 5 working days.

Express: Express 3 working days.

By Ship: By ship 30 working days

\* Delivery in Sweden, one additional working day will be added.

\* Delivery in Norway, three additional working day will be added.


\*\*Please press the buy icon to order.

ID	Specification	Tooling cost	Price pr. unit	Freight cost	Quantity	Transport	Days	Total Price	Delete	Buy
----	---------------	--------------	----------------	--------------	----------	-----------	------	-------------	--------	-----

All prices are in DKK

Back Email to inbox

When you have entered the fields you, simply press “Calculate” and your quotation will be displayed to the right.

 Quote

---

Specification  
Guidet Tour

Transport mode  
Express

Quantity  
10

Production days  
7

Get results  
Calculate

Price pr. unit  
58,24 DKK

Sub-total  
582,40 DKK

Tooling cost  
1.900,00 DKK

Freight cost  
384,00 DKK

Total  
2.866,44 DKK

Days  
10

Weight  
1,00

Add to Quote

# PCB-direct - Guided Tour

If you would like to compare, buy or just save the quotation for later use, you simply press **“Add to quote”** and the quotation will be showed in the quotation field below.

When you have added the quotation, you will be able to make new calculations based on other **“Transport mode”**, **“Quantity”** or **“Production days”** and add it for comparison.

(A delete function is present if you would like to erase a quotation.)

<b>Specification</b> Guided Tour	<b>Price pr. unit</b> 59,70 DKK
<b>Transport mode</b> Express	<b>Sub-total</b> 597,00 DKK
<b>Quantity</b> 10	<b>Tooling cost</b> 1.900,00 DKK
<b>Production days</b> 7	<b>Freight cost</b> 384,00 DKK
<b>Get results</b> Calculate	<b>Total</b> 2.881,02 DKK
	<b>Days</b> 10
	<b>Weight</b> 1,00
	<b>Add to Qoute</b>

\*\*Please press the buy icon to order.

ID	Specification	Tooling cost	Price pr. unit	Freight cost	Quantity	Transport	Days	Total Price	Delete	Buy
Q100035	Guided Tour	1.900,00	59,70	384,00	10	Express	10	2.881,02		

All prices are in DKK

<b>Back</b>	<b>Email to inbox</b>
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## Receive your quotation on email

If you would like to receive your quotations on email, you can press the **“Email to inbox”**-button and have them in you inbox within minutes.

\*\*Please press the buy icon to order.

ID	Specification	Tooling cost	Price pr. unit	Freight cost	Quantity	Transport	Days	Total Price	Delete	Buy
Q100035	Guided Tour	1.900,00	59,70	384,00	10	Express	10	2.881,02		

All prices are in DKK

<b>Back</b>	<b>Email to inbox</b>
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# PCB-direct - Guided Tour

## Order

To place an order, you must first press the **“Buy”**-button on the quotation string you would like to purchase. When the **“Buy”**-button is pressed, you will access the **“Verify order”**-page, for final confirmation.

**\*\*Please press the buy icon to order.**

ID	Specification	Tooling cost	Price pr. unit	Freight cost	Quantity	Transport	Days	Total Price	Delete	Buy
Q100002	Guided Tour	1.900,00	58,24	384,00	10	Express	10	2.866,44		

At the **“Verify order”**-page you will see the specifications you have entered doing the quotation, along with the information you entered at the quote page.

If you would like to add you own PO-number for reference or have the PCB’s delivered to another address than you have entered in you profile, you may add this information in the in the **“PO-number”** and **“Alternative delivery address”** fields. If all specifications are correct, you must press **“Sent order”** to place the order.

Order 24

Back To Home

Verify Order.

Print

User

Morten

Name

Morten Johansen

Phone

66130768

Email

mj@azitech.dk

Company

Azitech ApS

Address

Rugårdsvej 10

Postal Code

5000 Odense

Country

Denmark

Quantity

10

Weight

1.0 Kg.

Transport

Express - 3 days

Production days

7 days

Total delivery time

10 days

PO-number

Tooling

1.900,00 DKK

Price pr. unit

45,94 DKK

Freight

384,00 DKK

Total price

2.743,36 DKK

Personal reference

Guided Tour

No of layers

2

Surface finish

LF HASL

Copper thickness

35.0 my

Min. hole diameter

>= 0.5 mm

Colour of soldermask

Green color

Gold finger

No

Impedance

No

Pressfit requirements

No

PCB reference

Guided Tour

Standard or special order?

Special specification

Material

FR4 Std.

PCB thickness

16 mm

Min. track/gap

2.0 mm

Other type of mask

None

Edge plating

No

Choice of Build-up

None-specified build-up

Single cut or panel layout?

Panel

Panelization by:

Azitech

PCB Dimension

100.0 mm (X - direction)

PCB Dimension

100.0 mm (Y - direction)

Distance between two PCB's

0.0 mm

PCB's per panel

4

No. Of PCB's

2 pcs. (X - direction)

No. Of PCB's

2 pcs. (Y - direction)

Size of panel border?

10.0 mm

X-out allowed

Yes

Gerberdata (file 1)

Guided Tour.zip

Gerberdata (file 3)

Gennemse

Upload

Gerberdata (file 2)

Guided Tour 2.zip

Gerberdata (file 4)

Gennemse

Upload

Alternative delivery address:

Company

Att.

Address

City

Zip

Country

Denmark

Comments

General comment:

Layout comment:

Back

Send Order

# PCB-direct - Guided Tour

## Monitor your orders

After having placed an order you will be redirected to PCB-direct front page, where you now will be able to see you order under “**Your orders**”.

You will see some order information from the PCB-direct front page, but you can also click on the order you would like to know more about and see all details.

### PCB-direct frontpage

» Create quotation

» Documentation

» Personal settings

» Contact PCB-direct

» Logout

#### Your quotations:

ID	Reference	PCB reference	Layers

#### Your orders:

ID	Your PO-nr.	Order date	Part no.	Quantity	Total days	Delivery date	Total Price	Status	Repeat order
39	PO-10251	06:10 24/03-2009	708851 PCB Rev. 2	500	3	01/04-2009	9.639,33 DKK	Order confirmed	
38		06:10 24/03-2009	Guided Tour	10	10	26/03-2009	2.743,36 DKK	Being shipped	

# PCB-direct - Guided Tour

## Documentation

This page is where you find useful information, regarding PCB-direct and Azitech ApS. You can view or download presentations, quality documents, user agreements and other documents associated with PCB-direct.

## Personal settings

If you would like to change your user settings or just view your details, you can do this by clicking on **“Personal settings”**.

The first window shows your general settings, you can edit these by pressing the **“Edit”**-button.

### User information

 Edit

Profile Data	
First name	: Morten
Last name	: Johansen
company	: Azitech ApS
Username	: Morten
Password	: *****
Email	: mj@azitech.dk
Phone	: 66130768
Mobile	: 28681691
Role	: Bruger
Address	: Rugårdsvej 10
City	: 5000 Odense
Currency	: DKK
Country	: Denmark

## Contact PCB-direct

By pressing **“Contact PCB-direct”** your email client will open and you will be able to write an email to PCB-direct staff.