

We thank you for your price request and are pleased to present you the following quotation today

30 June 2022

## Administrative details

### Your references

Offer nr. B3493832  
Service PCB proto  
Board name EMG Shield CAMOutputs 20220630

Purchase reference OFI 200.10113  
Project reference BioRobotics Minor EMG Shield  
Article number -

### Invoicing & delivery details

#### Invoice to:

University of Twente  
Frodo Muijzer  
Drienerlolaan 5  
Biomedical Signals and Systems (EEMCS)  
7522 NB Enschede  
Netherlands  
31534891415  
f.muijzer@utwente.nl

#### Delivered to:

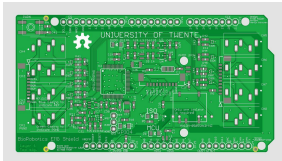
University of Twente  
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## PCB

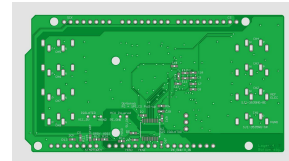
## PCB Visualizer

### PCB images

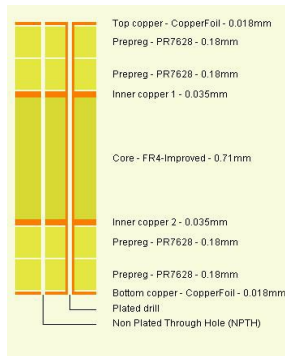
Top view :



Bottom view:



### Buildup & Mechanical plan



## Technology & options

### Board definition

Number of layers	4	Delivery format	No
PCB width (X)	101.6 mm	PCB height (Y)	53.34 mm
eC-registration compatible	No		

### Board definition

Top soldermask	Green	Bottom soldermask	Green
Top legend	White	Bottom legend	White
Surface finish	Any lead free finish		

Bare board testing

Yes

UL marking

Yes

### Board technology

Pattern class	6	Drill class	Drill C
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Outer layer trackwidth (OL-TW)	0.150 mm	Hole density	<1000/dm2
Outer layer isolation distance (OL-TT-TP-PP)	0.150 mm	Holes <= may be reduced	0.45 mm
Outer layer annular ring (OAR)	0.125 mm		
Inner layer trackwidth (IL-TW)	0.175 mm		
Inner layer isolation distance (IL-TT-TP-PP)	0.150 mm		
Inner layer annular ring (IAR)	0.125 mm		

## Material definition

Board thickness	1.55 mm	Board buildup	Standard buildup
Base material	FR4IMP	Material Tg	145-150°C
Outer layer copper foil	18µm(End-Cu +/-35µm)	Inner layer copper foil	35µm
Extra PTH runs	0	Extra press cycles	0
Reversed buildup	No	Inner layer core thickness	Standard

## Advanced options

Milling		Peelable mask	No
Edge connector gold surface mm²	0	Edge connector bevelling	No
Copper up to board edge	No	Plated holes on the board edge	No
Carbon contacts	No	Viafill	No
Top heatsink paste	No	Bottom heatsink paste	No
Specific tolerances	No	Specific marking	No
Press-fit holes	No	Depth routing	No
Round-edge plating	No	Chamfered mechanical holes	No

## Pricing

### Printed circuits

Basket nr.	Delivery term	Quantity	Unit price	Transport price	Transport mode	Total price	VAT	Gross
B3493832	3 Working days	5	24.83 EUR	0.00 EUR	Express	124.15 EUR	21.00 %	150.22 EUR

## Payment terms & conditions

This quotation is valid for 30 days (as of the date of this offer) and is covered by our Terms of Sales as accepted when signing up to our website. The prices quoted are based upon the information and /or data provided by you, if this changes then the final price and delivery terms may also change. The acceptance of any order will depend upon:

- Verification of any new data supplied with the order, with reference to the chosen service specification
- Your credit status with Eurocircuits
- Compliance with our [Terms of Sales](#)

Deliver terms start next business day after the receipt of a firm order and all the required data and documentation. Payment terms are 30 days date of invoice.