

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

20 January 2020

Administrative details

Your references

Offer nr.	B2211844		
Service	STANDARD pool	Purchase reference	timing board fmc c
Board name	pc053c	Project reference	
		Article number	

Invoicing & delivery details

Invoice to:

University of Bristol
Accounts payable
Orchard Lane FINANCE OFFICE
Augustine's Courtyard
BS1 5DS Bristol
United Kingdom
+44 (0)117 428 2614
purchasing-invoices@bristol.ac.uk

Delivered to:

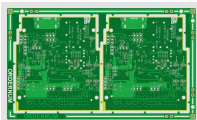
School of Physics Stores
Joe Smith
Tyndall Avenue H.H Wills Physics
Laboratory
University of Bristol
BS8 1TL Bristol
United Kingdom
+44 (7422) 576859
j.smith@bristol.ac.uk

PCB

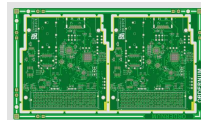
PCB Visualizer

PCB images

Top view :



Bottom view:



Buildup & Mechanical plan

Board buildup :

Top copper - Copper foil - 0.018mm
Prepreg - PR2116 - 0.12mm
Prepreg - PR2116 - 0.12mm
Inner copper 1 - 0.035mm
Core - FR4-Improved - 0.36mm
Inner copper 2 - 0.035mm
Prepreg - PR2116 - 0.12mm
Prepreg - PR2116 - 0.12mm
Inner copper 3 - 0.035mm
Core - FR4-Improved - 0.36mm
Inner copper 4 - 0.035mm
Prepreg - PR2116 - 0.12mm
Prepreg - PR2116 - 0.12mm
Bottom copper - Copper foil - 0.018mm
Plated drill
Non Plated Through Hole (NPTH)
Rout.

Technology & options

Board definition

Number of layers	6	Delivery format	Eurocircuits, according to standard panel rules
PCB width (X)	76.5 mm	PCB height (Y)	69.0 mm
eC-registration compatible	Yes		

Panel definition

Repeat in X	1	Repeat in Y	2
Panel width	90.5 mm	Panel height	154 mm
PCBs per panel	2	Panel border	5 mm
PCB separation method	Breakrouting	PCB spacing	2 mm
Panel without cross outs	No	Panel outline	Routed

Board definition

Top soldermask	Green	Bottom soldermask	Green
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Top legend
Surface finish

White
Any lead
free finish
Yes

Bottom legend

White

Bare board testing

Board technology

Pattern class
Outer layer trackwidth (OL-TW)
Outer layer isolation distance (OL-TT-TP-PP)
Outer layer annular ring (OAR)
Inner layer trackwidth (IL-TW)
Inner layer isolation distance (IL-TT-TP-PP)
Inner layer annular ring (IAR)

7
0.125 mm
0.125 mm
0.125 mm
0.200 mm
0.125 mm
0.125 mm

Drill class
Hole density
Holes <= may be reduced

Drill C
<1500/dm2
0.45 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	No	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	Yes	Depth routing	No
Round-edge plating	No	Chamfered mechanical holes	No
Cross section report required	No		

Pricing**Printed circuits**

Basket nr.	Delivery term	Quantity	Unit price	Transport price	Transport mode	Total price	VAT	Gross
B2211844	5 Working days	5	288.54 EUR	1.98 EUR	Express	1442.70 EUR	0.00 %	1444.68 EUR

ASSEMBLY

Technology & options

Special assembly requirements No

Type	Supplied by Assembler		Supplied by Customer	
	Unique parts	Component placed	Unique parts	Component placed
Thru-hole	3	10	0	0
Mechanical	0	0	0	0
SMD	37 (3 NI)	179	0	0
SMD fine pitch	1	1	0	0
Mixed	0	0	0	0
BGA	0	0	0	0
BGA FinePitch	0	0	0	0
QFN	2 (1 NI)	3	0	0
QFN FinePitch	2	2	0	0
LGA	0	0	0	0
Unknown	0	0	0	0
Edge-Mount	0	0	0	0
Total	45	195	0	0

No info (NI) : Our online tools were unable to get price and/or availability information from our suppliers. Our engineers are informed and try to update the information manually.

Pricing

Basket nr.	Delivery term*	Quantity	Assembly price**	Components price**	VAT	Gross
B2211844	7 Working days	5	600.00 EUR	1641.70 EUR Incomplete	0.00 %	2241.70 EUR Incomplete

TOTAL PRICE

Delivery term	Quantity	PCB	Assembly**	Components**	Stencil Top	Stencil Bottom	Transport	VAT	Gross
5 WD (PCB) + 7 WD (PCBA)	5	1442.70 EUR	600.00 EUR	1641.70 EUR Incomplete	-	-	1.98 EUR Incomplete	-	3686.38 EUR Incomplete

* The "delivery term" for assembly can only be fulfilled provided that all components are received by our production unit upon completion of the bare PCB.

** Incomplete : Component price and assembly price is estimated based on the BOM details available at the time of generation of the offer.

Payment terms & conditions

This quotation is valid for 3 days (as of the date of the on this offer) and is covered by our Terms of Sales which, you accepted when you Signed 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 5 days date of invoice.