

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

2 November 2017

Administrative details

Your references

Offer nr.	B1238776	Purchase reference	CIT PO: 283932
Service	STANDARD pool	Project reference	-
Board name	n-DAP V3	Article number	-

Invoicing & delivery details

Invoice to:

Cork Institute of Technology
Catherine Cunningham
Rossa Avenue Bishopstown
ACCOUNTS PAYABLE
co Cork
Ireland
+353 (21) 4326584
accountspayable@cit.ie

Delivered to:

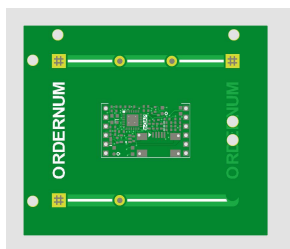
Cork Institute of Technology,
NIMBUS CENTRE
Nikolaos Chalikias
Rossa Avenue Bishopstown
co Cork
Ireland
+353 (21) 4335479
nikolaos.chalikias@cit.ie

PCB

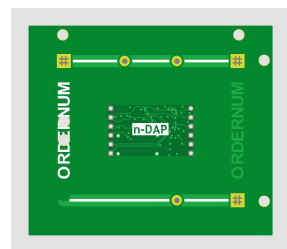
PCB Visualizer

PCB images

Top view :

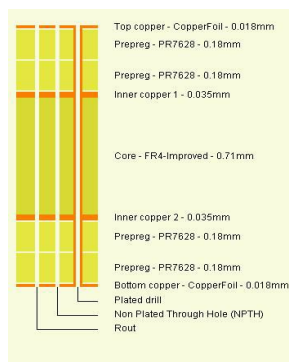


Bottom view:



Buildup & Mechanical plan

Board buildup :



Technology & options

Board definition

Number of layers	4	Delivery format	No
PCB width (X)	25.4 mm	PCB height (Y)	15.48 mm
eC-registration compatible	Yes		

Board definition

Top soldermask	Green	Bottom soldermask	Green
Top legend	White	Bottom legend	White
Surface finish	Any lead free finish		
Bare board testing	Yes		

Board technology

Pattern class	6	Drill class	Drill D
Outer layer trackwidth (OL-TW)	0.150 mm	Hole density	>2000/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)	0.150 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			
Copper up to board edge	No	Plated holes on the board edge	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
B1238776	7 Working days	36	3.75 EUR	3.68 EUR	Express	138.68 EUR	0.0 %	138.68 EUR

ASSEMBLY**Technology & options**

SMD sides	1	Number of unique parts per PCB	21
Number of thru-hole/mechanical placements per PCB	0	Number of SMD placements per PCB	32
Number of fine pitch placements per PCB	0	Number of BGA/QFN placements per PCB	1

Pricing

Basket nr.	Delivery term*	Assembly price**	Components price**	VAT	Gross
B1238776	5 Working days	364.32 EUR	-	0.0 %	364.32 EUR

TOTAL PRICE

PCB	Assembly**	Components**	Stencil Top	Stencil Bottom	Transport	VAT	Gross
135.00 EUR	364.32 EUR	-	-	-	3.68 EUR	-	503.00 EUR

* 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.

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

Payment terms & conditions

The payment term is 5 days from invoice date.

This quotation is valid for 2 days. All our deliveries are according to our general terms and conditions of delivery. These are available on the website , and agreed upon between us during the registration procedure. All above mentioned prices are an indication on the basis of the information at our disposal on the moment of quotation. These prices may be reviewed at the moment of order on the basis of the final documentation and conditions. The final quantity to be delivered can vary up to 5% of the ordered quantity. Delivery terms start counting upon receipt of the complete documentation and firm order.

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