

Request



PCB specification

Date 17/02/2022

Projectname: rsk plus rz nl2 mp1

PCB-No.: D017892_06

Rev.: 3

General requirements

IPC-A-600 G	Class II
RoHS compatible	Yes
UL-certification	Yes
Manufacturer logo	Yes
Date code	Yes
E-test	Yes
Impedance check	No
First sample test report	No
Grinding surface pattern	No
Position UL-No.and Logo	BOTTOM
Position manufacturer logo and Datecode	BOTTOM
Filled system	No

Production requirements

PCB-type:		rigid
PCB-dimension:	+/- 0,2 mm	150 x 150
Panel:		Not defined
Panel dimension:	+/- 0,2 mm	X x X
Piece per panel:		
Contour:		milled
PCB-thickness:	+/- 10% mm	1.5mm
Number of layers:		10
Inner layer copper incl. galv. Cu:	(µm)	35
External layer copper incl. galv. Cu:	(µm)	35
Smallest track width	(µm)	100
Smallest spacing width	(µm)	100
Material properties of surface:		chem. NI/AU
Connectorgold:		No
Solder resist:		green
Silkscreen		Top/Bottom
Colour of silkscreen:		white
partial via print:		No
Carbon print:		No
Stripping paint:		No

Drill- and milling parameter

Smallest drill diameter (µm)	200
Number of drills per PCB (piece)	2568
Long holes	Yes
Edge contact	No
Backdrill	No
Blind via	Yes
Blind via / Drilling planes	2-3/8-9
Buried via	2-3/8-9
Buried Via / drilling planes	2-3/8-9
Microfill blind via	No
Plugging buried via	No
Milling tolerance, cut level milling	Standard
Via technology	No

Base material (on the basis of standard IPC-4101)

Material:	min. requirements		FR 4
TD:	>325, >345	° Celsius	>325
TG:		° Celsius	135
CTE Z axis (before TG, after TG)		ppm/k	<53 , <270
Permittivity (er)			4,6 - 4,9
T-260 / T-288		minutes	>60 / >15

Purchase

Invoice address:	Renesas Electronics Europe GmbH
	Arcadiastr. 10
	40472 Düsseldorf

Single piece:	X
Panel piece:	
Delivery time:(working days)	15
Date of delivery:	17.02.2022

Delivery address:	Renesas Electronics Europe GmbH
	Arcadiastr. 10
	40472 Düsseldorf

Ordering:

Technical:

Contact:
Email:
Phone:
Fax:

Contact Person:
Email:
Phone:
Fax:

Characteristics: Impedance designed PCB

Silkscreen print over vias: YES

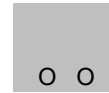
Manufacturer logo and text pos. bottom!

Copper Thickness = 0.242 | Dielectric Thickness = 1.194 | Solder Mask Thickness = 0.035
 Stack Up Thickness = 1.436 | Stack Up Thickness with Soldermask = 1.471



Date:	17/02/2022
Projectname:	rsk_plus_rz_nl2_mp1
PCB-No.:	D017892_06
Revision:	3
Contact	0
Email:	0
Phone:	0
Fax:	0

Detail for break-bway-tabs
example
< 2mm >



2 x 0,5mm Drill

