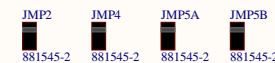


PMOD Interface Type 3 (UART)

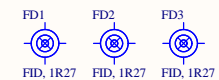
PMOD Interface Type 3

Pin #	Signal	Direction (relative to host)	Alternate Signal	Direction (relative to host)
1	CTS	In	GPIO	In/Out
2	TXD	Out	-	-
3	RXD	In	-	-
4	RTS	Out	GPIO	In/Out
5	GND	-	-	-
6	VCC	-	-	-



JMP2, JMP4, JMP5A and JMP5B are the shunt jumpers supplied with the board in the event they are required. Supply with the board in an anti-static bag.

Rubber Foot, Black, 6.4mm dia, 2.1mm high  
FOOT-000003-01

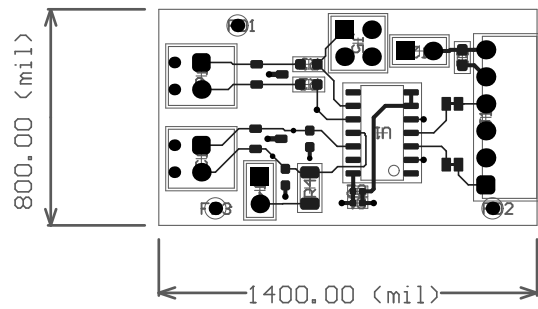


**RENESAS**

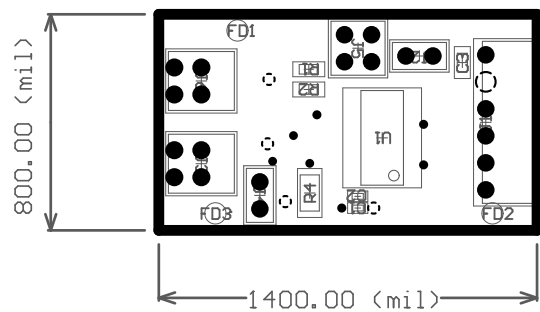
4117 Emperor Blvd Suite 100 Durham NC 27703

Title  
**QCIOT-ISL3173POCZ**

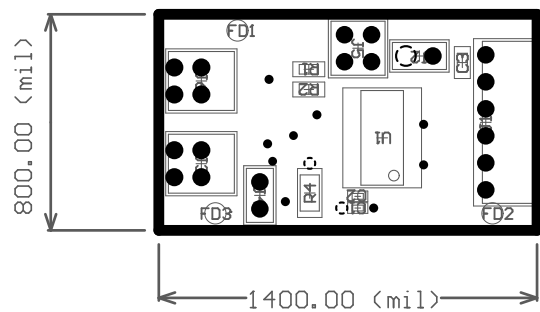
Size: B | Number: | Revision: A  
Date: 10/22/2024 | Sheet 1 of 1  
File: QCIOT-ISL3173POCZ Rev A.SchDoc



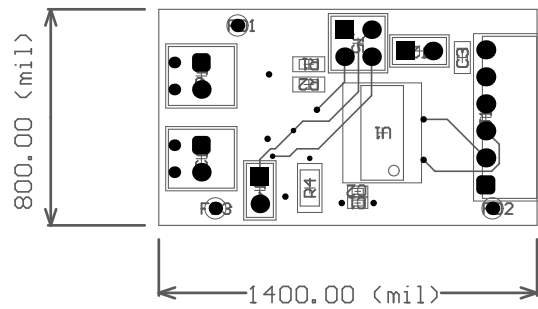
Filename: QCI0T-ISL3173P0CZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Top Layer  
Company: RENESAS



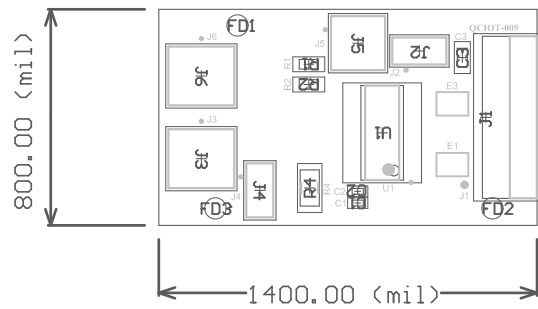
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Date: 10/22/2024  
Layer Name: Layer 1 (GND)  
Company: RENESAS



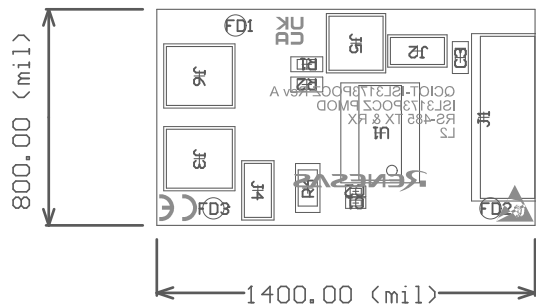
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Date: 10/22/2024  
Layer Name: Layer 2 (3P3U)  
Company: RENESAS



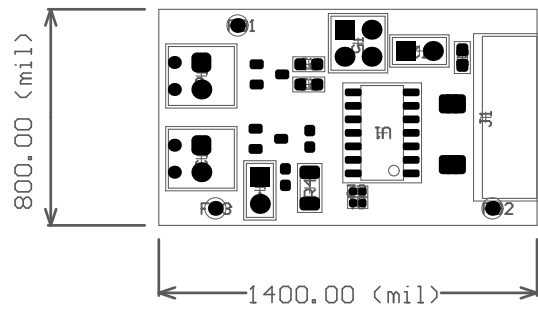
Filename: QCI0T-ISL3173P0CZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Bottom Layer  
Company: RENESAS



Filename: QCIOT-ISL3173POCZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Top Silkscreen Overlay  
Company: RENESAS

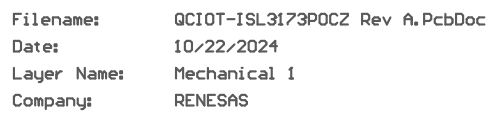


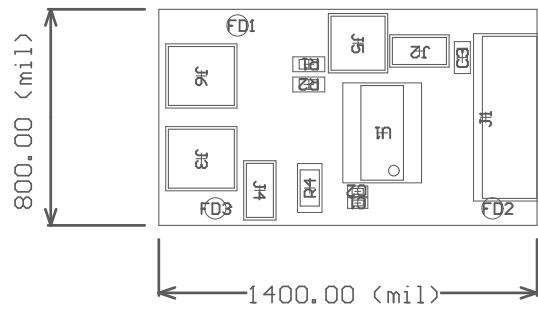
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Date: 10/22/2024  
Layer Name: Bottom Silkscreen Overlay  
Company: RENESAS



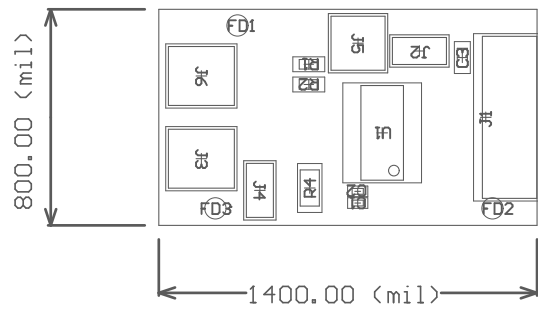
Filename: QCI0T-ISL3173P0CZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Top Solder Mask Print  
Company: RENESAS



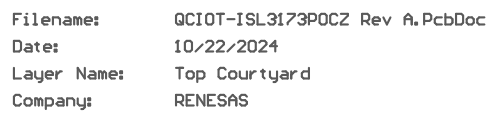


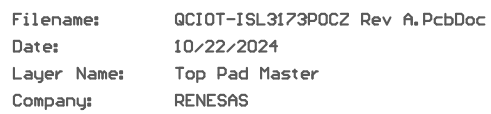


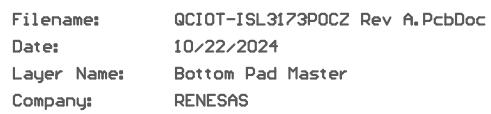
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Date: 10/22/2024  
Layer Name: Top Designator  
Company: RENESAS

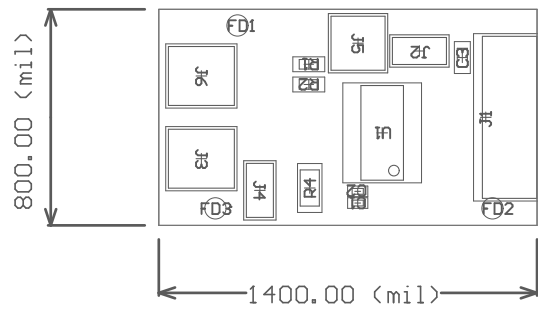


Filename: QCIOT-ISL3173POCZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Top 3D Body  
Company: RENESAS



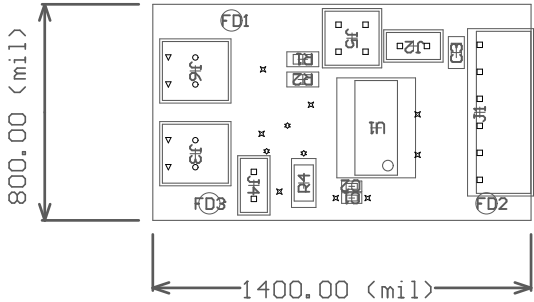






Filename: QCI0T-ISL3173POCZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Keep Out Layer  
Company: RENESAS

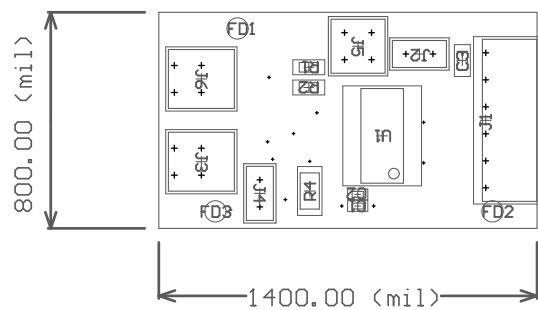
Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape	Template
☆	3	9.06mil (0.230mm)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded	v52h23m0mx0
▽	4	43.31mil (1.100mm)	NPTH	Round	Top Layer - Bottom Layer	Pad	Rounded	c110hn110m123
○	4	43.31mil (1.100mm)	PTH	Round	Top Layer - Bottom Layer	Pad	<Mixed>	<Mixed>
✕	8	10.00mil (0.254mm)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded	v61h25m0mx0
□	14	41.34mil (1.050mm)	PTH	Round	Top Layer - Bottom Layer	Pad	<Mixed>	<Mixed>
	33 Total							



Filename: QCI0T-ISL3173P0CZ Rev A.PcbDoc  
 Date: 10/22/2024  
 Layer Name: Drill Drawing For (Top Layer - Bottom Layer)  
 Company: RENESAS

Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	SM-003	1.00mil	4	
	Top Surface Finish	Nickel, Gold	0.16mil		
1	Top Layer	CF-004	1.38mil		
	Dielectric 1	PP-008	3.10mil	4.1	
	Dielectric 2	PP-013	3.80mil	4.3	
2	Layer 1	CF-004	1.38mil		
	Dielectric 3	Core-042	39.00mil	4.6	
3	Layer 2	CF-004	1.38mil		
	Dielectric 4	PP-013	3.80mil	4.3	
	Dielectric 5	PP-008	3.10mil	4.1	
4	Bottom Layer	CF-004	1.38mil		
	Bottom Surface Finish	Nickel, Gold	0.16mil		
	Bottom Solder	SM-003	1.00mil	4	
	Bottom Overlay				





Filename: QCI0T-ISL3173P0CZ Rev A.PcbDoc  
Date: 10/22/2024  
Layer Name: Drill Guide For <Top Layer - Bottom Layer>  
Company: RENESAS