



R3 and R5 provide an option for fail-safe biasing of the RS-485 bus in noisy environments. R3 and R5 are optional and can be fitted to provide surge and ESD protection in noisy environments. R3 and R5 are not required. 4K7 is an approximate value, consult Renesas application note AN1996 for a detailed discussion on fail-safe biasing and to determine the correct values for R3 and R5.

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	-	-	-



J1, J2, J3, J4, J5, J6, and J7 are the shunt jumpers supplied with the board in the event they are required to be removed. They are supplied in an anti-static bag.

Rubber Foot, Black, 6.4mm dia, 2.1mm high
FOOT-400003-01



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QCIOT-ISL3173POCZ

Title	QCIOT-ISL3173POCZ
Size	B
Number	1
Revision	A
Date	10/22/2024
Sheet	1 of 1
File	QCIOT-ISL3173POCZ Rev A Sclt.Dwg