

# Renesas RA2L1

## IBIS Model Release Note

Rev.1.00  
July.15,2022

1. Version                    **Rev.1.0.0**
2. IBIS file

File name	Conditions		
	TYP	MIN	MAX
ra2l1_vcc50_1216.ibs	VCC = 5.0 V	VCC = 4.0 V	VCC = 5.5 V
	Tj = 25 °C	Tj = 125 °C	Tj = -40 °C
ra2l1_vcc33_1216.ibs	VCC = 3.3 V	VCC = 2.7 V	VCC = 3.6 V
	Tj = 25 °C	Tj = 125 °C	Tj = -40 °C
ra2l1_vcc20_1216.ibs	VCC = 2.0 V	VCC = 1.8 V	VCC = 2.2 V
	Tj = 25 °C	Tj = 125 °C	Tj = -40 °C

### 3. Target device

All products in the RA2L1 are included. Select one of the components in the IBIS file indicated in the following table for each package.

Component name	Corresponding package
100LFQFP	100-pin LFQFP package(14 ×14mm、 0.5mm pitch)
80LFQFP	80-pin LFQFP package(12 ×12mm、 0.5mm pitch)
64LFQFP	64-pin LFQFP package(10×10mm、 0.5mm pitch)
48HWQFN	48-pin HWQFN package(7×7mm、 0.5mm pitch)
48LFQFP	48-pin LFQFP package(7×7mm、 0.5mm pitch)

### 4. Note

These IBIS models do not guarantee the product's operation.

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**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	July. 15,2022	-	First Edition