

RA0L1 Group IBIS Model Release Note

1. Version

Rev.1.00

2. IBIS file

File name	Conditions		
	TYP	MIN	MAX
ra0l1_vcc50.ibs	VCC = 5.0 V	VCC = 4.0 V	VCC = 5.5 V
	25 °C	- 40 °C	125 °C
ra0l1_vcc33.ibs	VCC = 3.3 V	VCC = 2.7 V	VCC = 3.6 V
	25 °C	- 40 °C	125 °C
ra0l1_vcc20.ibs	VCC = 2.0 V	VCC = 1.8 V	VCC = 2.2 V
	25 °C	- 40 °C	125 °C

3. Target device

All products in the RA0L1 are included. Select one of the components in the IBIS file indicated in the following table for each package.

Component name	Corresponding package
48LFQFP	48-pin LFQFP package (7 mm × 7 mm, 0.5 mm pitch)
48HWQFN	48-pin HWQFN package (7 mm × 7 mm, 0.5 mm pitch)
32LQFP	32-pin LQFP package (7 mm × 7 mm, 0.8 mm pitch)
32HWQFN	32-pin HWQFN package (5 mm × 5 mm, 0.5 mm pitch)
24HWQFN	24-pin HWQFN package (4 mm × 4 mm, 0.5 mm pitch)
20LSSOP	20-pin LSSOP package (4.4 mm × 6.5 mm, 0.65 mm pitch)

4. Note

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