

## RA0E1 Group IBIS Model Release Note

### 1. Version

Rev.1.00

### 2. IBIS file

File name	Conditions		
	TYP	MIN	MAX
ra0e1_vcc50.ibs	VCC = 5.0 V	VCC = 4.0 V	VCC = 5.5 V
	25 °C	- 40 °C	125 °C
ra0e1_vcc33.ibs	VCC = 3.3 V	VCC = 2.7 V	VCC = 3.6 V
	25 °C	- 40 °C	125 °C
ra0e1_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 RA0E1 are included. Select one of the components in the IBIS file indicated in the following table for each package.

Component name	Corresponding package
32HWQFN	32-pin HWQFN package (5 mm × 5 mm, 0.5 mm pitch)
32LQFP	32-pin LQFN package (7 mm × 7 mm, 0.8 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)
16HWQFN	16-pin HWQFN package (3 mm × 3 mm, 0.5 mm pitch)

### 4. Note

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