

RL78/L23 Group IBIS Model Release Note

1. Version

Rev.1.00

2. IBIS file

File name	Conditions		
	TYP	MIN	MAX
rl78l23_vcc50.ibs	VCC = 5.0 V	VCC = 4.0 V	VCC = 5.5 V
	25 °C	- 40 °C	125 °C
rl78l23_vcc33.ibs	VCC = 3.3 V	VCC = 2.7 V	VCC = 3.6 V
	25 °C	- 40 °C	125 °C
rl78l23_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 RL78/L23 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 mm × 14 mm, 0.5 mm pitch)
100LQFP	100-pin LQFP package (14 mm × 20 mm, 0.65 mm pitch)
80LQFP	80-pin LQFP package (14 mm × 14 mm, 0.65 mm pitch)
80LFQFP	80-pin LFQFP package (12 mm × 12 mm, 0.5 mm pitch)
64LQFP	64-pin LQFP package (12 mm × 12 mm, 0.65 mm pitch)
64LFQFP	64-pin LFQFP package (10 mm × 10 mm, 0.5 mm pitch)
52LQFP	52-pin LQFP package (10 mm × 10 mm, 0.65 mm pitch)
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)
44LQFP	44-pin LQFP package (10 mm × 10 mm, 0.8 mm pitch)

4. Note

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