

## 1. Download file list

-Readme file

Readme\_e.pdf (This file)

-IBIS file

rx630\_80lqfp.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_100lqfp.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_100tflga.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_144lqfp.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_145tflga.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_176lfbga.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_176lqfp.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)  
 rx630\_177tflga.ibs : Vcc=3.3V(条件 min 3.0V, max 3.6V)

## 2. Target device

-The products in the RX630 group are included.

Part No.	Package		Operating temperature	Target IBIS file
R5F5630***FN	LQFP-80pin	(PLQP0080KB-A)	-40~85Degree C	rx630_80lqfp.ibs
R5F5630***FP	LQFP-100pin	(PLQP0100KB-A)	-40~85Degree C	rx630_100lqfp.ibs
R5F5630***LA	TFLGA-100pin	(PTLG0100KA-A)	-40~85Degree C	rx630_100tflga.ibs
R5F5630***FB	LQFP-144pin	(PLQP0144KA-A)	-40~85Degree C	rx630_144lqfp.ibs
R5F5630***LK	TFLGA-145pin	(PTLG0145KA-A)	-40~85Degree C	rx630_145tflga.ibs
R5F5630***BG	LFBGA-176pin	(PLBG0176GA-A)	-40~85Degree C	rx630_176lfbga.ibs
R5F5630***FC	LQFP-176pin	(PLQP0176KB-A)	-40~85Degree C	rx630_176lqfp.ibs
R5F5630***LC	TFLGA-177pin	(PTLG0177KA-A)	-40~85Degree C	rx630_177tflga.ibs

## 3. Notes

Selecting I/O model

I/O functions defined in the [Model Selector] are available for io01, io07 and io08 and io15 and io16 and io17 and io18 which are mentioned in "model\_name" of the [Pin] section.

Select one of the models indicated below according to the user's MCU setting.

-[Model Selector] In case of io01 and io07

driver strength strong      Standard I/O high-drive output setting  
 driver strength weak      Standard I/O normal drive output setting

-[Model Selector] In case of io08

driver strength strong      5V tolerant I/O high-drive output setting  
 driver strength weak      5V tolerant I/O normal drive output setting

-[Model Selector] In case of io15

driver strength strong      5V tolerant I/O high-drive output setting  
 I2C buffer 1      IIC-I/O setting

-[Model Selector] In case of io16

driver strength strong      5V tolerant I/O high-drive output setting  
 I2C buffer 2      IIC-I/O setting

-[Model Selector] In case of io17

driver strength strong      5V tolerant I/O high-drive output setting  
 driver strength weak      5V tolerant I/O normal drive output setting  
 I2C buffer 3      IIC-I/O setting

-[Model Selector] In case of io18

driver strength strong      5V tolerant I/O high-drive output setting  
 I2C buffer 4      IIC-I/O setting