RX63N Group / RX631 Group IBIS Model Rev1.00

1. Download file list
   -Readme file
    Readme_e.pdf (This file)

   -IBIS file
    rx63n_100lqfp.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)
    rx63n_100tflga_065mm.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)
    rx63n_144lqfp.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)
    rx63n_145tflga.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)
    rx63n_176lfbga.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)
    rx63n_176lqfp.ibs   : Vcc=3.3V(Conditions Vccmin=3.0V, Vccmax=3.6V)

2. Target device
   -The products in the RX63N group are included.

Part No.	Package		Operating temperature	Target IBIS file
R5F563N***FP	LQFP-100pin	(PLQP0100KB-A)	-40～85Degree C	rx63n_100lqfp.ibs
R5F563N***LJ	TFLGA-100pin	(PTLG0100JA-A)	-40～85Degree C	rx63n_100tflga_065mm.ibs
R5F563N***FB	LQFP-144pin	(PLQP0144KA-A)	-40～85Degree C	rx63n_144lqfp.ibs
R5F563N***LK	TFLGA-145pin	(PTLG0145KA-A)	-40～85Degree C	rx63n_145tflga.ibs
R5F563N***BG	LFBGA-176pin	(PLBG0176GA-A)	-40～85Degree C	rx63n_176lfbga.ibs
R5F563N***FC	LQFP-176pin	(PLQP0176KB-A)	-40～85Degree C	rx63n_176lqfp.ibs

   -The products in the RX631 group are included.

Part No.	Package		Operating temperature	Target IBIS file
R5F5631***FP	LQFP-100pin	(PLQP0100KB-A)	-40～85Degree C	rx63n_100lqfp.ibs
R5F5631***LJ	TFLGA-100pin	(PTLG0100JA-A)	-40～85Degree C	rx63n_100tflga_065mm.ibs
R5F5631***FB	LQFP-144pin	(PLQP0144KA-A)	-40～85Degree C	rx63n_144lqfp.ibs
R5F5631***LK	TFLGA-145pin	(PTLG0145KA-A)	-40～85Degree C	rx63n_145tflga.ibs
R5F5631***BG	LFBGA-176pin	(PLBG0176GA-A)	-40～85Degree C	rx63n_176lfbga.ibs
R5F5631***FC	LQFP-176pin	(PLQP0176KB-A)	-40～85Degree C	rx63n_176lqfp.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