Option List   HD6432148S(W),HD6432147S(W),HD6432138S(W),HD6432137S(W)

Please check off the appropriate applications by ■ , ✕ or ✓ within □ and enter the necessary information.

Date of order	
Customer	
Department	
Name	
ROM code Name	
LSI number (Renesas entry)	

(1) ROM size

□   HD6432148S(W) : 128-kbytes
□   HD6432147S(W) :   64-kbytes
□   HD6432138S(W) : 128-kbytes
□   HD6432137S(W) :   64-kbytes

(2) System Oscillator

□ Crystal oscillator	f =	MHz
□ External clock	f =	MHz

(3) Power Supply Voltage/Maximum Operating Frequency

□   Vcc   4.5V to 5.5V   20MHz max.)
□   Vcc   4.0V to 5.5V   16MHz max.)

Notes: 1.Please select the power supply voltage/operating frequency version according to the power supply voltage used.
Example:For use at Vcc = 4.5V to 5.5V/f = 10MHz select Vcc =4.5V to 5.5V(20MHz max.).
2.The power supply voltage and maximum operating frequency of the selected version should also be entered on the Single-Chip Microcomputer Ordering Specifications sheet.

(4) I^2C Bus Option

□ I^2C bus used
□ I^2C bus not used

Notes: 1. The "I^2C bus used" option includes all cases where data transfer is performed via the SCL and SDA pins using the on-chip I^2C bus interface function (hardware module). If the I^2C bus interface function (hardware module) in used, various bus interface with different bus specifications and names are also included in "I^2C bus used".
2. When "I^2C bus not used" is selected, values cannot be set in registers relating to the I^2C bus interface (ICCR,ICSR,ICDR,ICMR etc...). These register always read H'FF. With emulators, F-ZTAT versions, the "I^2C bus used" option is selected. If the "I^2C bus not used' option is selected, it is essential to ensure that "I^2C bus interface related registers are not accessed.

For the Microcomputer Family item in 1.Basic Specifications in the Single-Chip Microcomputer Ordering Specifications Sheet *, please specify the appropriate item from the table below according to the combination of items 1 and 4 above. If the "I^2C bus used" option is selected, please also specify this in Special Specifications(Product Specifications, Mark Specifications, etc....) in 1.Basic specifications.

* Please contact the relevant sales department for information on the Single-Chip Microcomputer Ordering Specifications Sheet.

I^2C ROM Size	I^2C bus used	I^2C bus not used
128-Kbytes	HD6432148SW	HD6432148S
64-Kbytes	HD6432147SW	HD6432147S
128-Kbytes	HD6432138SW	HD6432138S
64-Kbytes	HD6432137SW	HD6432137S