

Option List HD6432127S,HD6432128S

Please check off the appropriate applications by , or within and enter the necessary information.

(1) ROM size

- HD6432127S(W) : 64-kbytes
 HD6432128S(W) : 128-kbytes

(2) System Oscillator(EXTAL,XTAL)

- Crystal oscillator f = MHz
 External clock f = MHz

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

(3) Power Supply Voltage/Maximum Operating Frequency

- Vcc = 4.5V to 5.5V (20 MHz max.)
 Vcc = 4.0V to 5.5V (16 MHz max.)
 Vcc = 2.7V to 3.6V (10 MHz max.)

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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) I²C Bus Option

- I²C bus used
 I²C bus not used

Notes 1. The "I²C bus used" option includes all cases where data transfer is performed via the SCL and SDA pins using the on-chip I²C bus interface function (hardware module). If the I²C bus interface function (hardware module) is used, various bus interface with different bus specifications and names are also included in "I²C bus used".

2. When "I²C bus not used" is selected, values cannot be set in registers relating to the I²C bus interface (ICCR,ICSR,ICDR,ICMR etc). These registers are invalid value that reading. With emulators, F-ZTAT versions, the "I²C bus used" option is selected. If the "I²C bus not used" option is selected, it is essential to ensure that "I²C 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 "I²C 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 ² C	I ² C bus used	I ² C bus not used
ROM Size			
64-kbytes		HD6432127SW	HD6432127S
128-kbytes		HD6432128SW	HD6432128S