

Guideline on identification of Lead-Free product names

	How can lead-free products be distinguished by part name?	Comment
MCU	H8, SH: V at the end.	
	R8C, M16C, M32C, 740, 7700: U in suffix for tray and W in suffix for reel.	
Memory	E at the end.	Flash cards are now generally lead-free.
	suffix BM,SM,BE,SE,BT,ST,B0,S0,G0.	
Diode/Transistor	"-E" at the end.	
	suffix B,C,D,E,F,G*.	2nd digit after hash (#).
Linear	"-E" at the end.	
	suffix B,C,D,E,F,G*.	2nd digit after hash (#).
Logic	None.	By date code only.

* instead of 2,3,4,5,6,7,9

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Note: this table covers the vast majority of Renesas products shipped in Europe. Rare exceptions are dealt with case by case.

Examples

HD64F2368VTE34V
M30624FGPFP#U3C
HM62V16100LBPI4SLE
M5M51008DFP-70HIST
HVC376BTRF-E
BB504MDS-TL-E
FS14KM-9A#CF10
HA13170FREL-E
M62334FP#DF5Q

H8S/2368F in lead-free TQFP package
M16C62P in lead-free QFP package
SRAM in lead-free CSP
SRAM in lead-free SOP
Diode in lead-free
Transistor in lead-free
MOSFET in lead-free
Linear IC in lead-free
Linear IC in lead-free

Box labelling:

All Renesas lead-free products carry box labels with marking "Pb-free T."