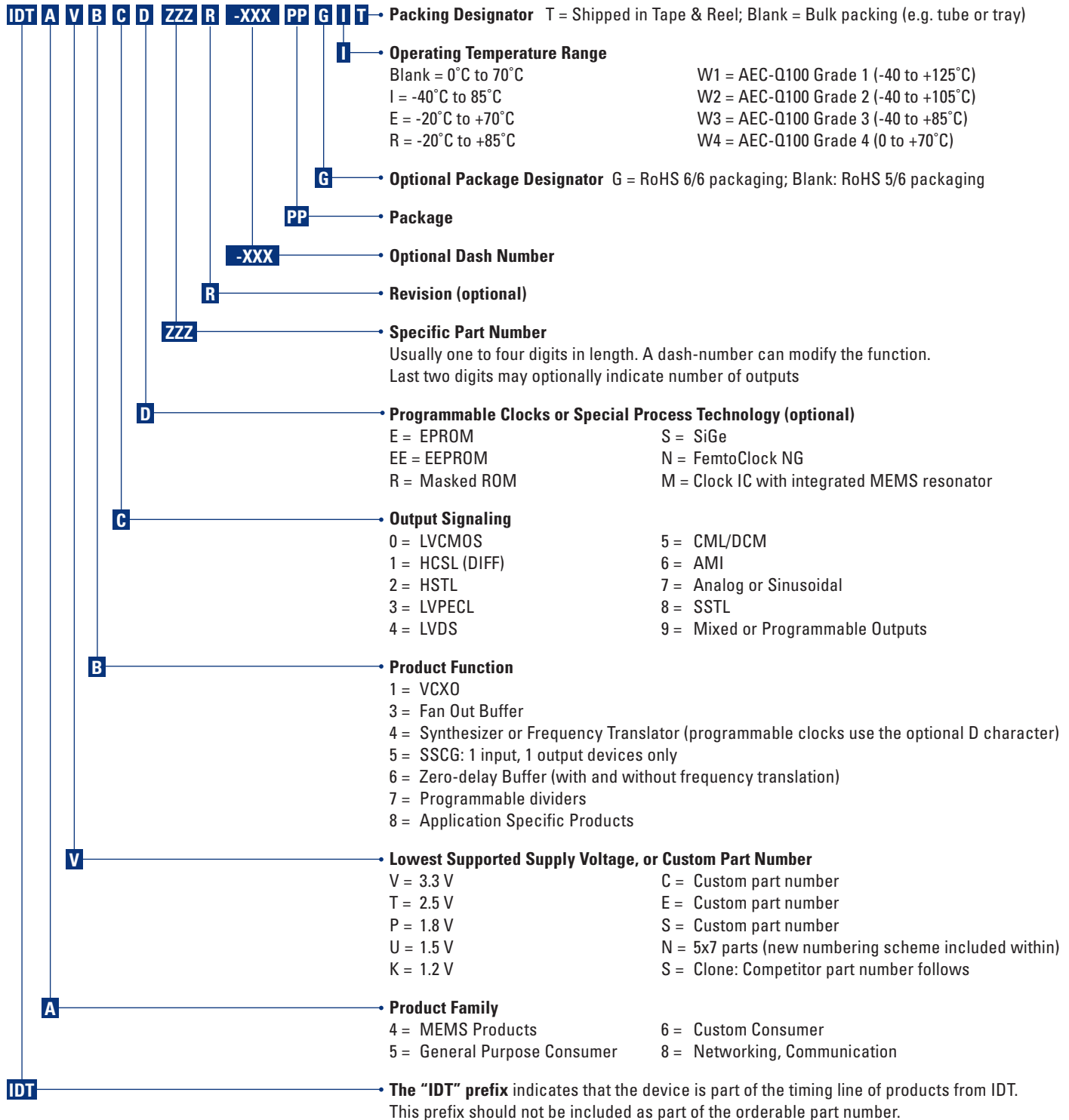
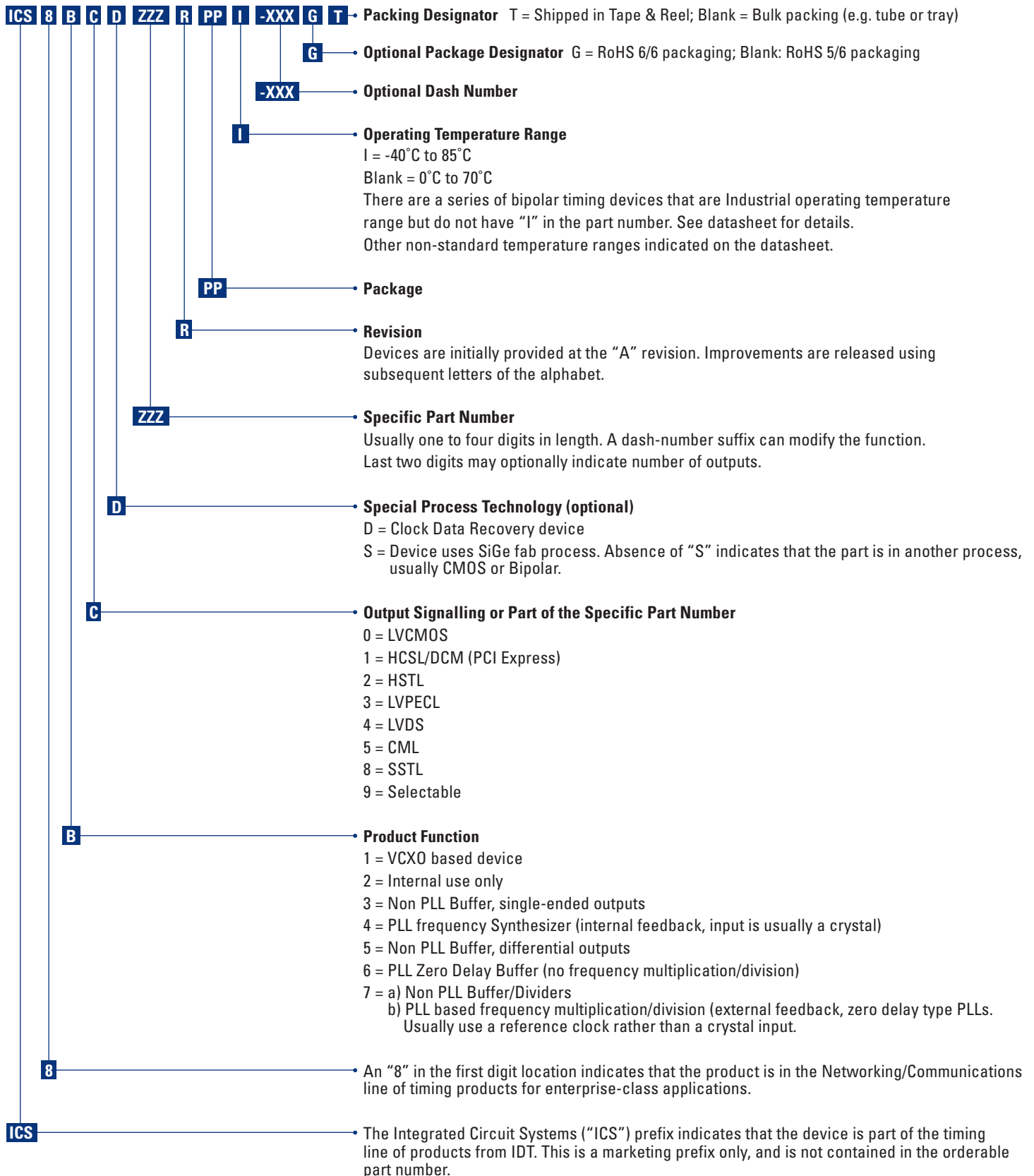


There are several part number types in the IDT high-performance timing nomenclature. IDT has acquired product lines from both ICS and Freescale and the established part numbers have been maintained. The timing families can be identified by their marketing part number prefix and are defined in the following charts.

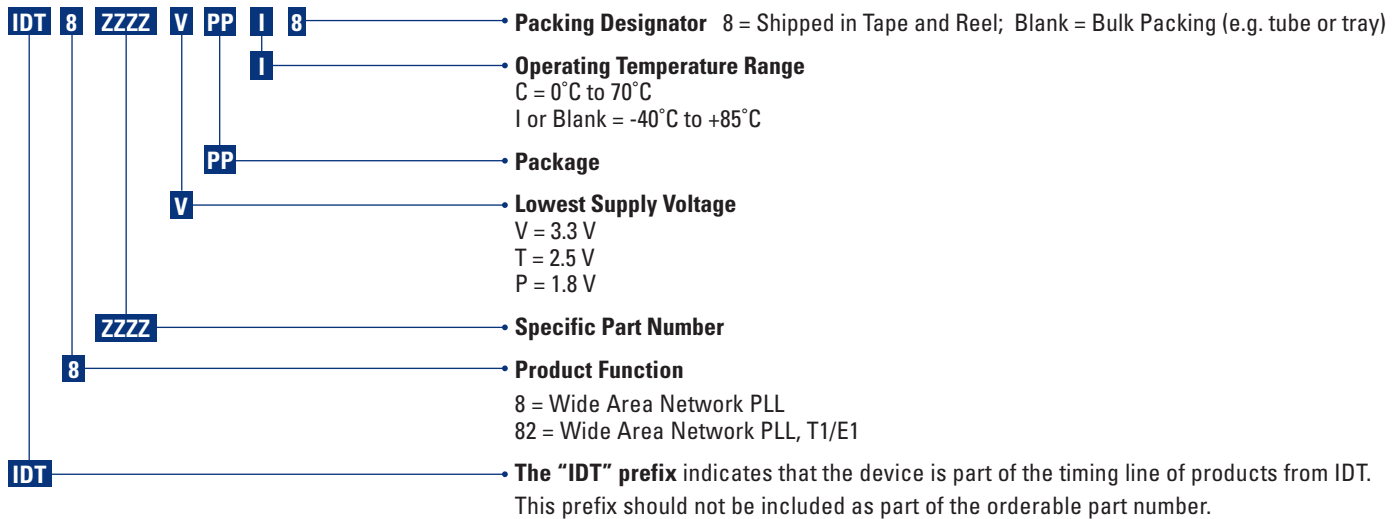
## TIMING NOMENCLATURE 1



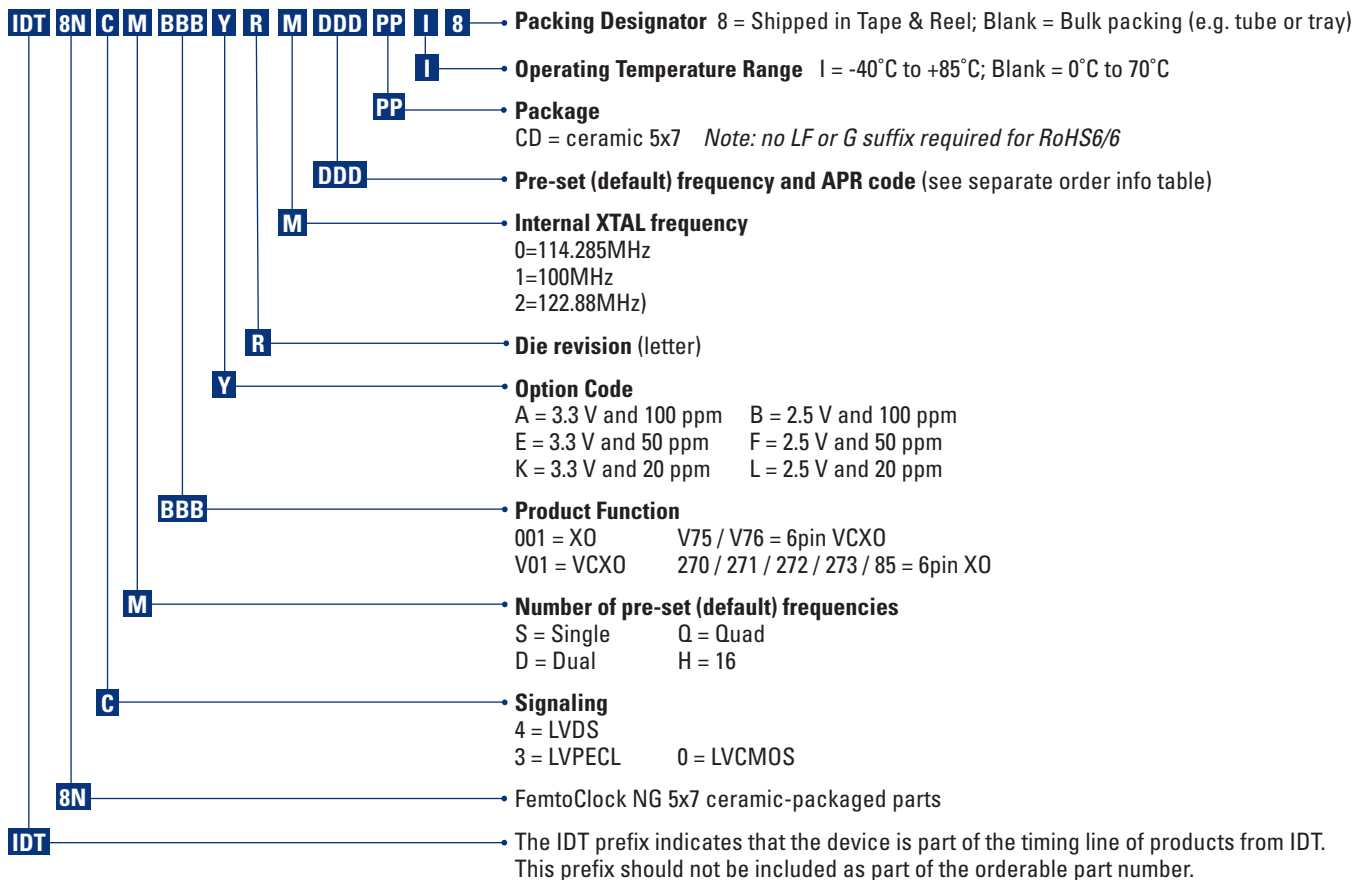
## TIMING NOMENCLATURE 2



**TIMING NOMENCLATURE 3 – NETWORKING AND COMMUNICATIONS WIDE AREA NETWORK PLL**

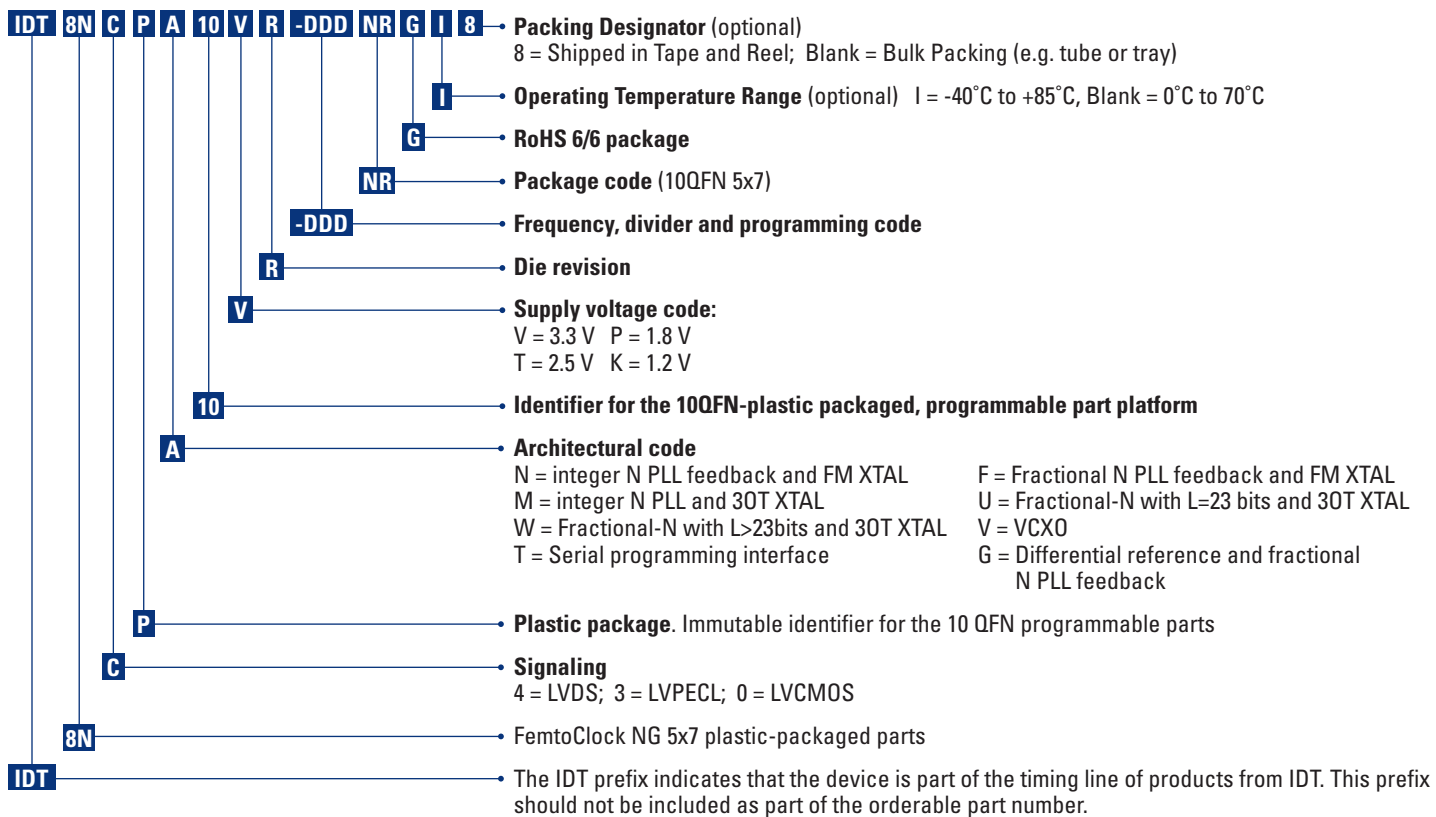


**TIMING NOMENCLATURE 4 – FEMTOCLOCK NG 5x7 CERAMIC**



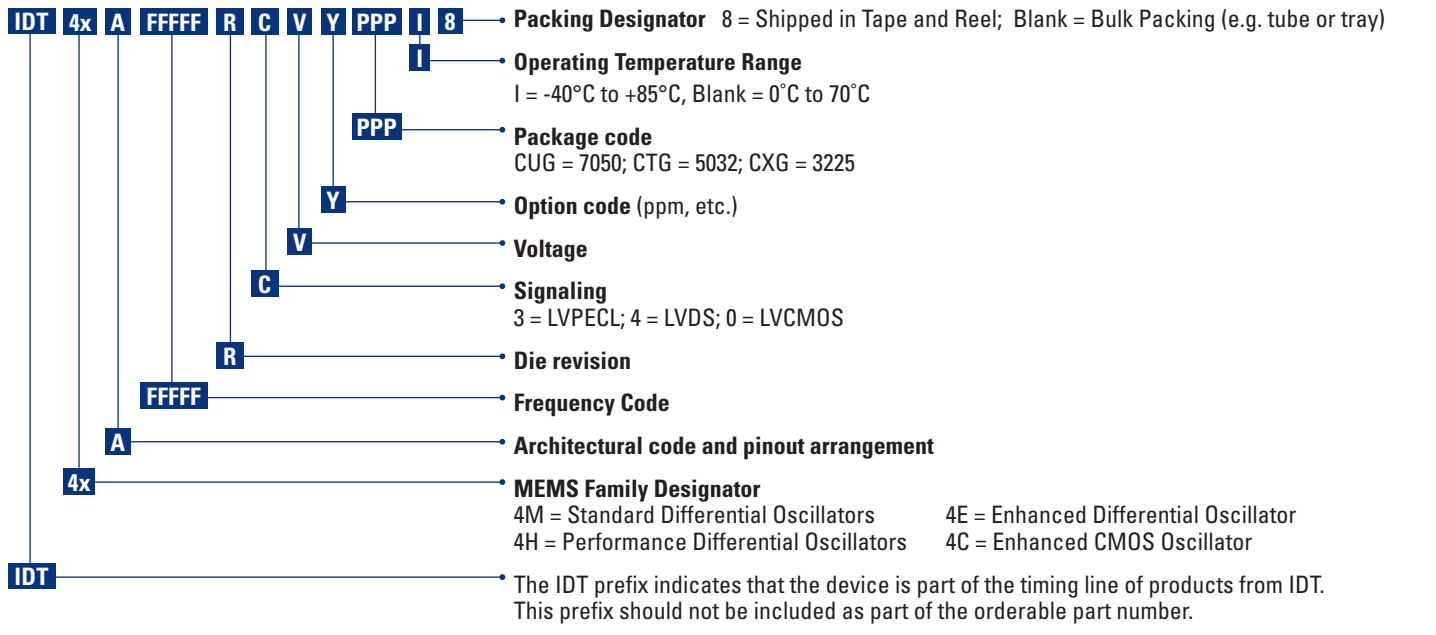
Example: IDT 8N3Q001LG-0001CDI8 is a LVPECL FemtoClockNG programmable oscillator, quad output frequency (125, 100, 122.88, 156.25 MHz), 2.5 V, 20 ppm, G-revision, 114.285 MHz XTAL in a RoHS 6/6 ceramic 5x7 package with tape and reel.

**TIMING NOMENCLATURE 5 – FEMTOCLOCK NG 5x7 10QFN**

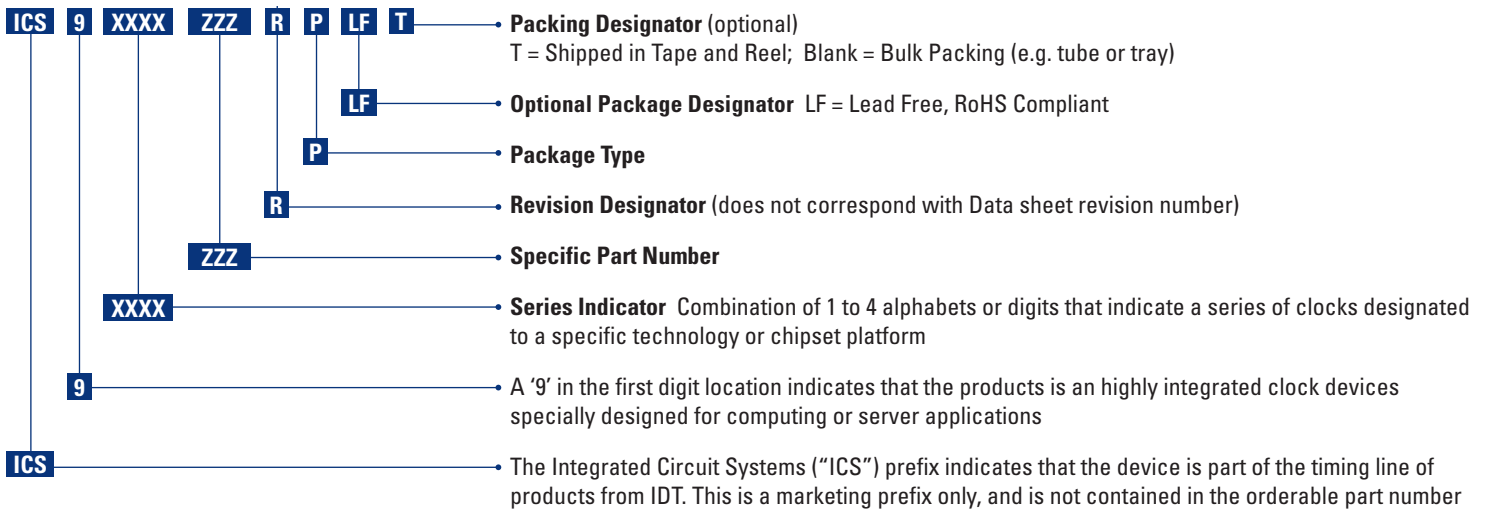


Example: IDT 8N3PN10VA-001NRG18 is a LVPECL FemtoClockNG programmable clock generator with an internal integer-N feedback PLL, with the frequency coded by "001", 3.3 V, A-revision, in a RoHS 6/6 plastic 5x7 package (10QFN), industrial temperature and with tape and reel.

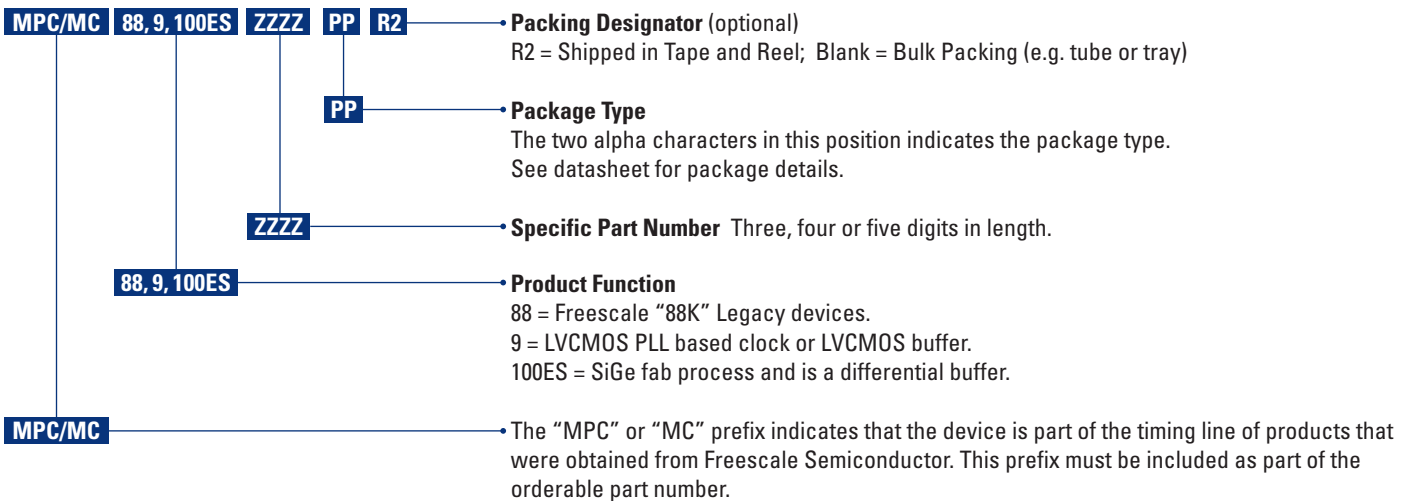
**TIMING NOMENCLATURE 6 – MEMS PROGRAMMABLE DEVICES**



## TIMING NOMENCLATURE 7 – IDT PC CLOCK NOMENCLATURE



## TIMING NOMENCLATURE 8



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[9DBV0741AKILF](#) [9FGV0641AKLF](#) [9UMS9633BKLF](#) [9VRS4420DKILF](#) [9VRS4420DKLF](#) [9VRS4420DKLFT](#) [CY25404ZXI226](#)  
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[9FGV0641AKILF](#) [ZL30314GKG2](#) [ZL30253LDG1](#) [ZL30251LDG1](#) [ZL30250LDG1](#) [ZL30169LDG1](#) [ZL30142GGG2](#) [9UMS9633BKILFT](#)  
[9FGV0631CKLFT](#) [9FGV0631CKILF](#) [5P49V5935B536LTGI](#) [PI6LC48P0101LIE](#) [DS1099U-ST+](#) [MAX24305EXG+](#) [PI6LC48H02-01LIE](#)  
[82P33814ANLG](#)