



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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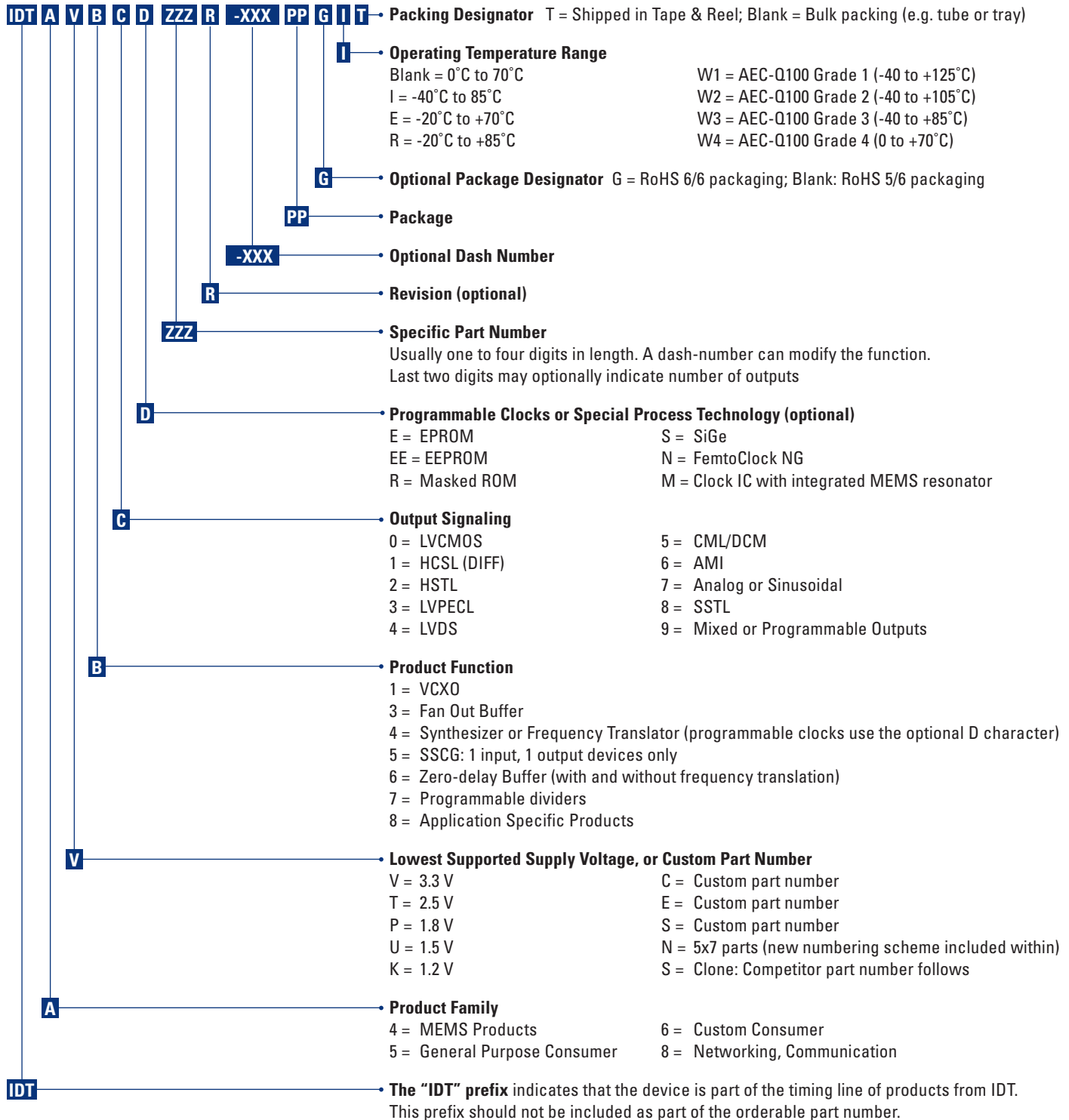
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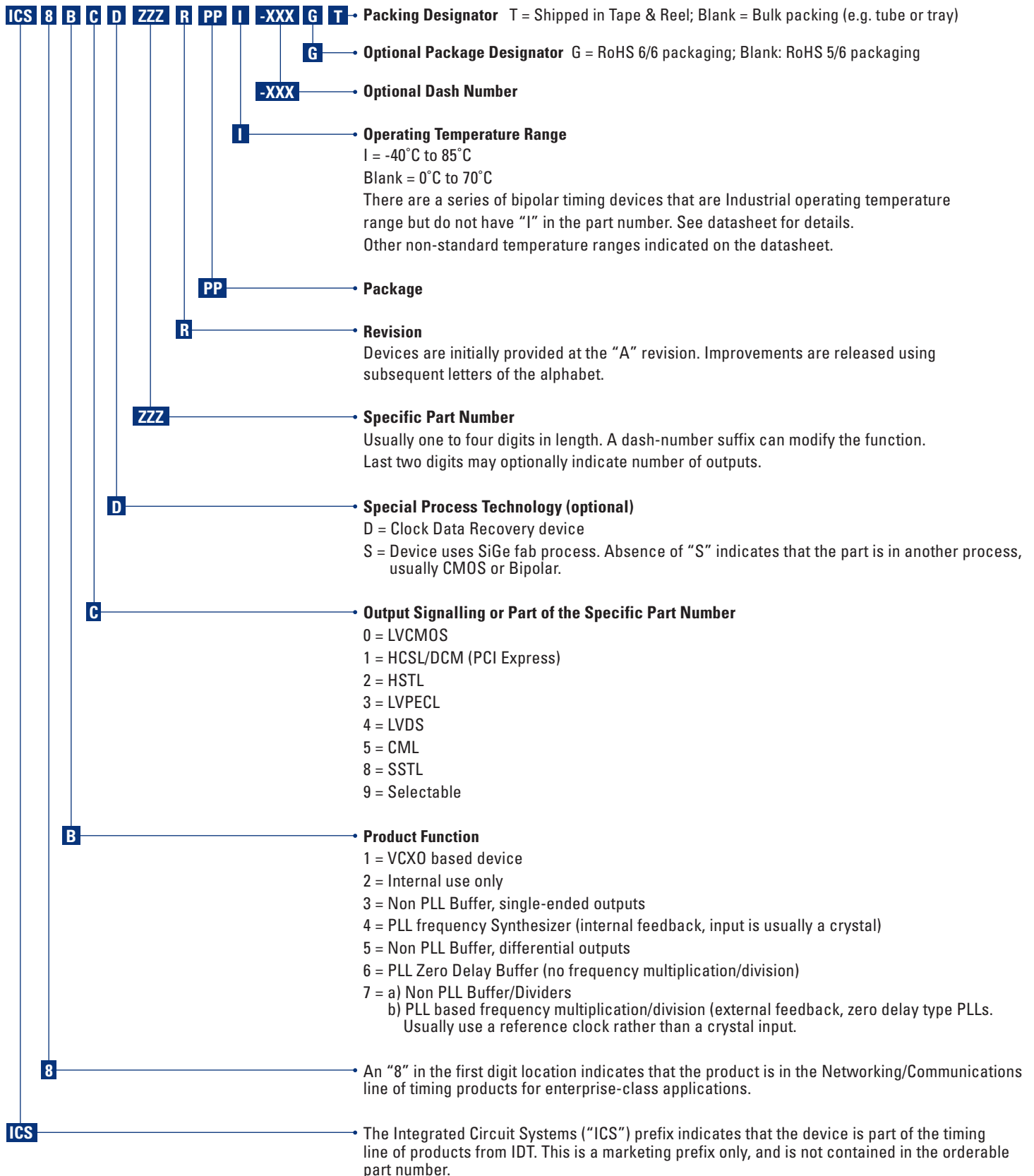


There are several part number types in the IDT high-performance timing nomenclature. IDT has acquired product lines from both ICS and Freescale and the established part numbers have been maintained. The timing families can be identified by their marketing part number prefix and are defined in the following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

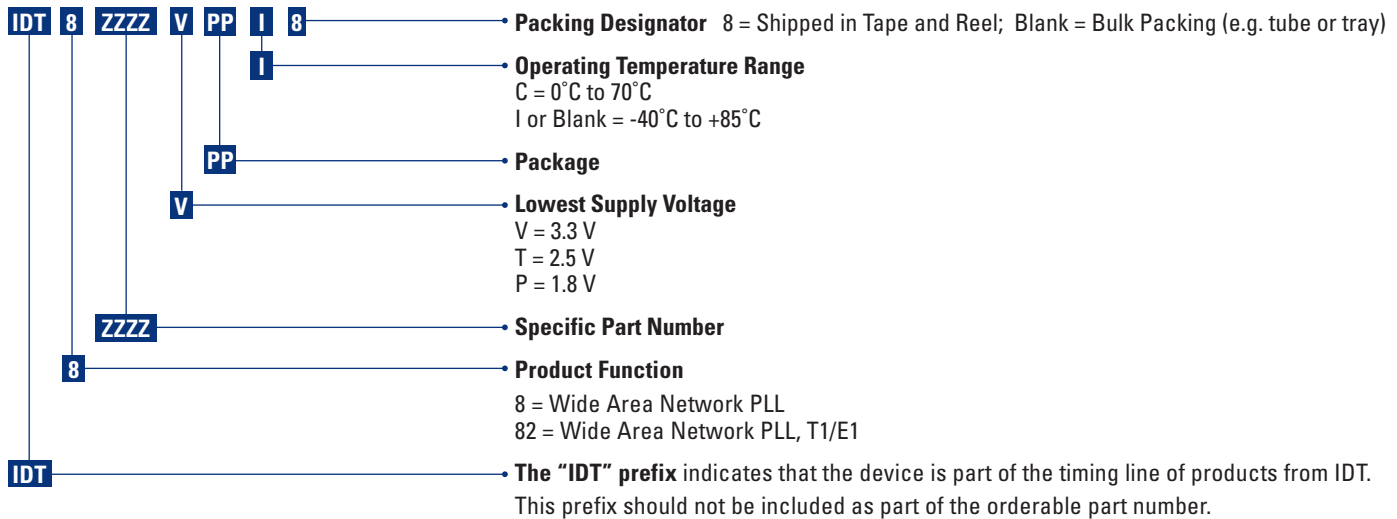
TIMING NOMENCLATURE 1



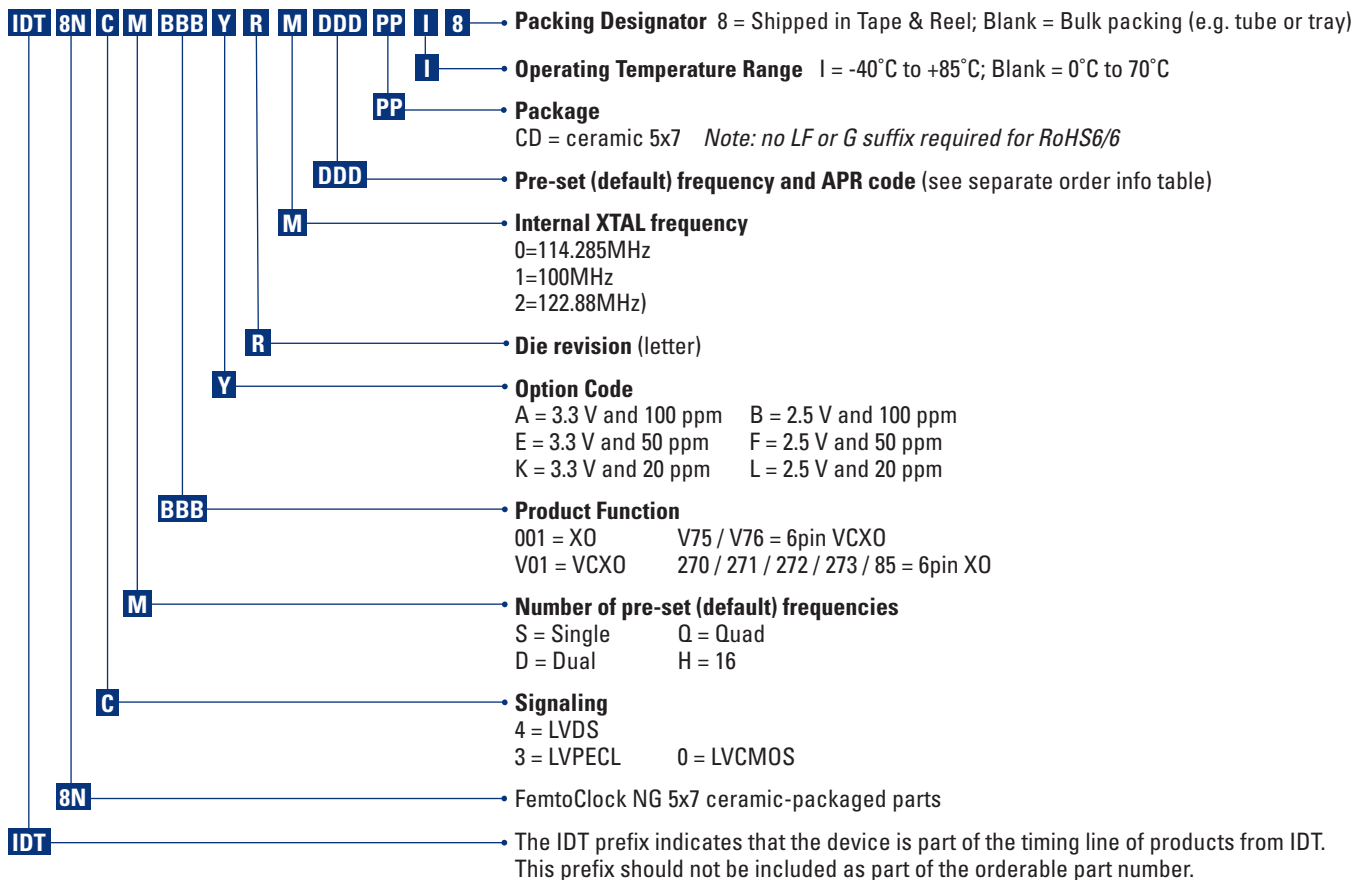
TIMING NOMENCLATURE 2



TIMING NOMENCLATURE 3 – NETWORKING AND COMMUNICATIONS WIDE AREA NETWORK PLL

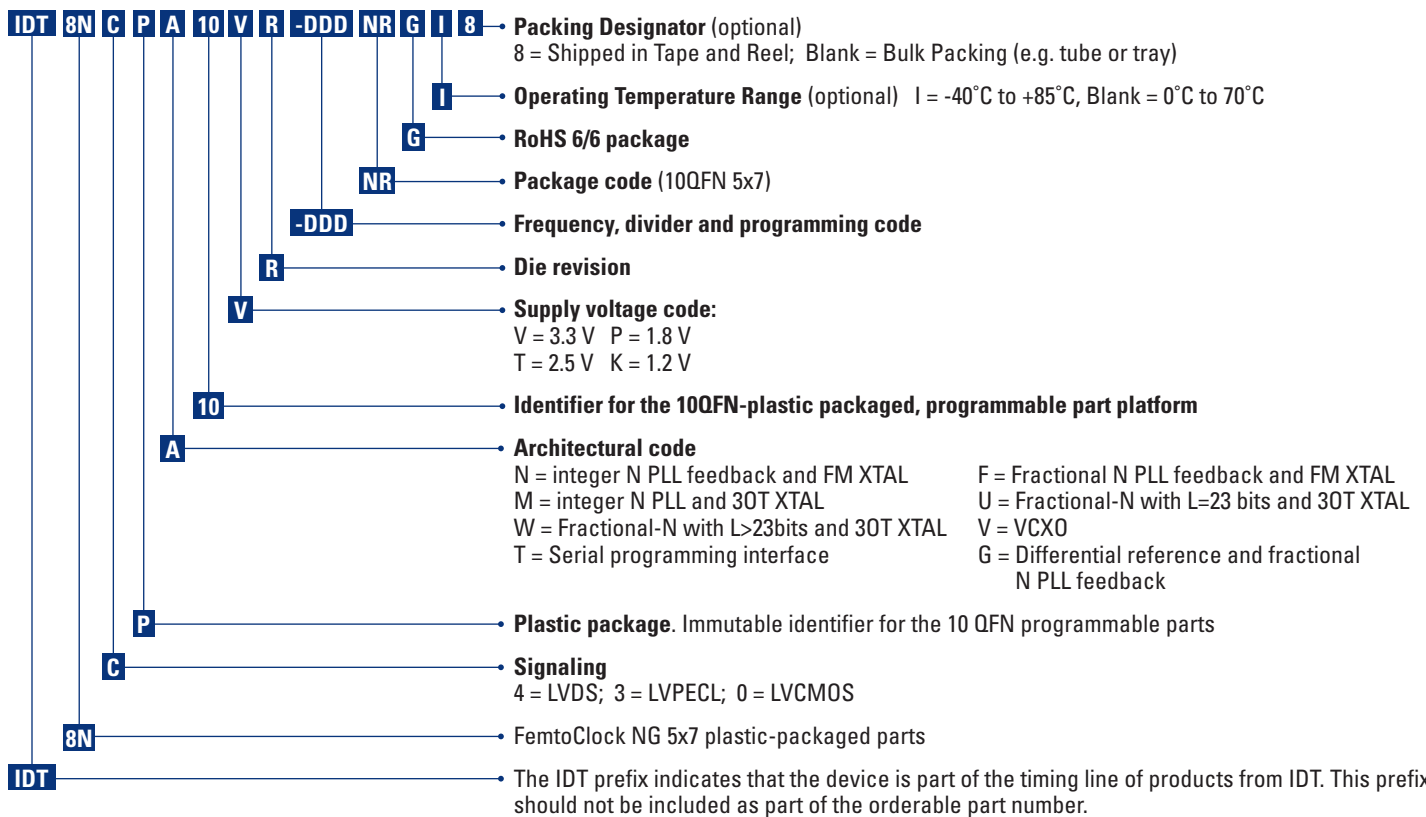


TIMING NOMENCLATURE 4 – FEMTOCLOCK NG 5x7 CERAMIC



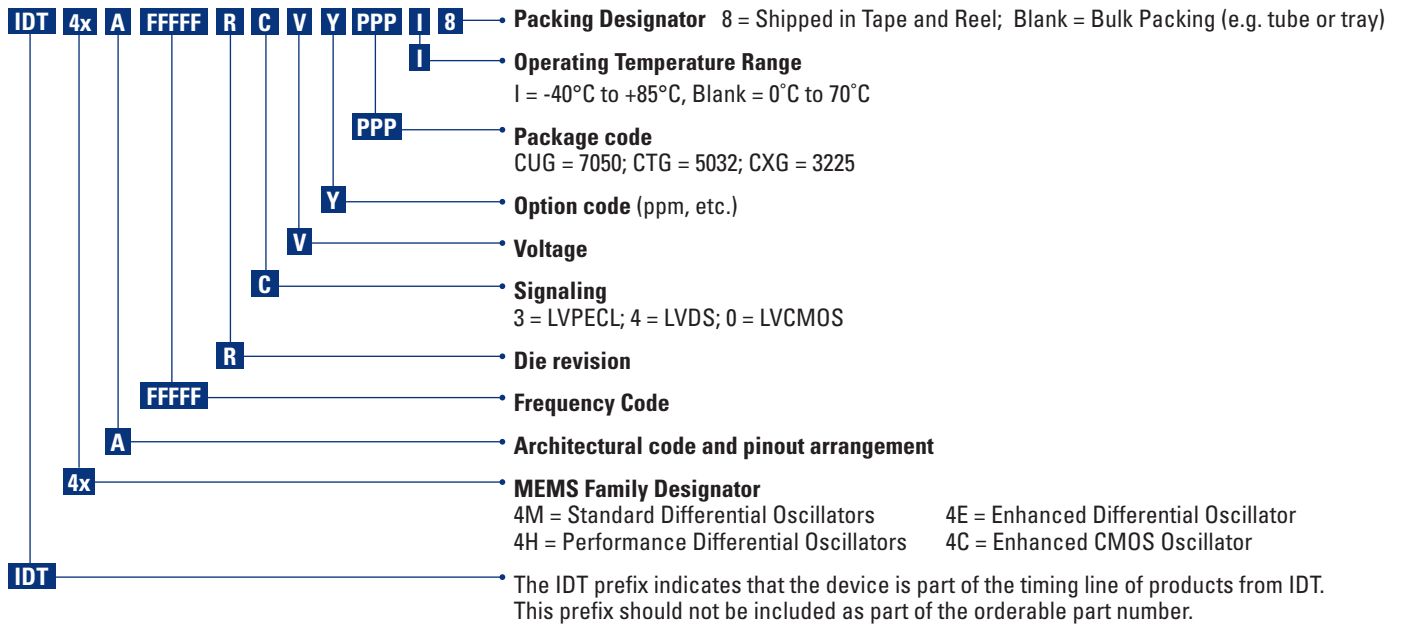
Example: IDT 8N3Q001LG-0001CDI8 is a LVPECL FemtoClockNG programmable oscillator, quad output frequency (125, 100, 122.88, 156.25 MHz), 2.5 V, 20 ppm, G-revision, 114.285 MHz XTAL in a RoHS 6/6 ceramic 5x7 package with tape and reel.

TIMING NOMENCLATURE 5 – FEMTOCLOCK NG 5x7 10QFN

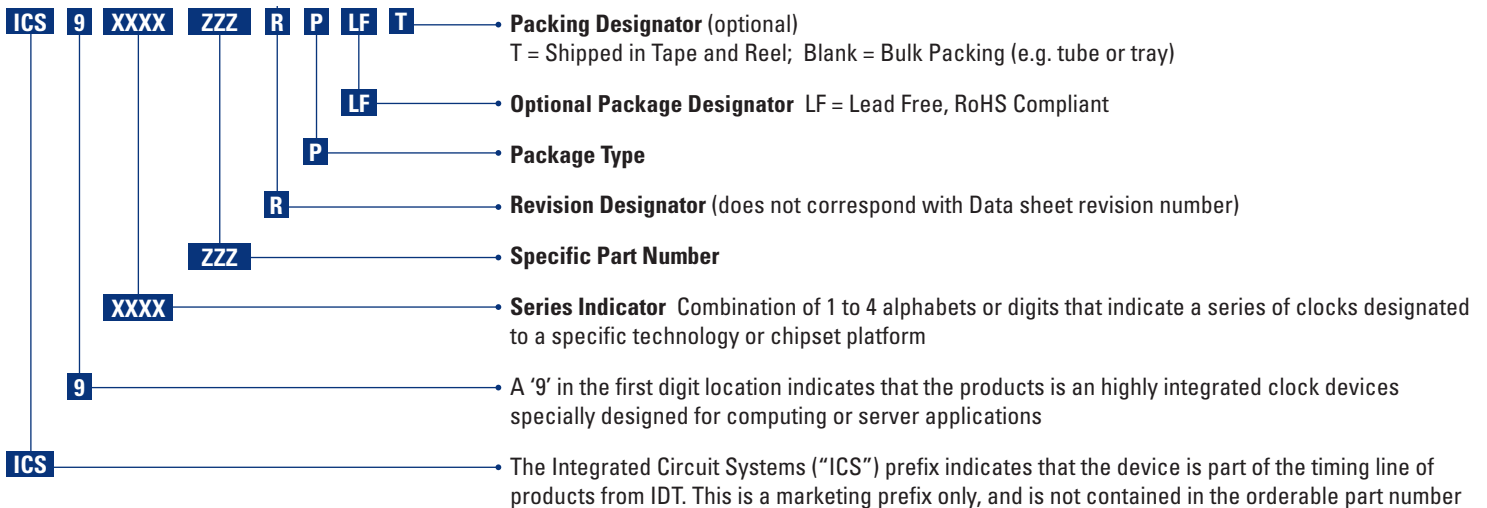


Example: IDT 8N3PN10VA-001NRG18 is a LVPECL FemtoClockNG programmable clock generator with an internal integer-N feedback PLL, with the frequency coded by "001", 3.3 V, A-revision, in a RoHS 6/6 plastic 5x7 package (10QFN), industrial temperature and with tape and reel.

TIMING NOMENCLATURE 6 – MEMS PROGRAMMABLE DEVICES



TIMING NOMENCLATURE 7 – IDT PC CLOCK NOMENCLATURE



TIMING NOMENCLATURE 8

