



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!



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Clock Generator

Part No.	NCT1063Y-585
Datasheet	 Request PDF
Description	<p>The NCT1063Y-585 is a Clock Synthesizer for Intel Calpella platform which compliant with the Intel CK505 specification. The NCT1063Y-585 provides most of the clocks required for a high-speed microprocessor and integrates the regulator and series terminated resistors.</p> <p>The NCT1063Y-585 provides SMBus serial bus interface to program the registers to enable or disable each clock output and provides -0.5% down type spread spectrum or programmable S.S.T. scale to reduce EMI.</p> <p>The NCT1063Y-585 accepts a 14.318 MHz reference crystal as its input and runs on single 3.3V supply.</p>
Features	<ul style="list-style-type: none"> › 2 pairs of push-pull Differential clock outputs for CPU. › 1 pairs of push-pull Differential clock outputs for DOT_96. › 1 pair push-pull Differential clock outputs for SRC/SATA selectable. › 1 pair push-pull Differential clock outputs for SRC. › Amplitude controllable for differential clocks. › 2 27MHz outputs, 1 support spread spectrum. › 1 14.318MHz REF clock output. › SMBus 2-wire serial interface and support byte read/write and block read/write. › -0.5% down type spread spectrum in software select mode. › Programmable S.S.T. scale to reduce EMI. › Programmable registers to enable/disable each output and select modes. › Programmable clock outputs slew rate control.
Diagram	N/A
Package	QFN32 Halogen free (Green package)
Other Files	N/A
Development Tools	N/A
Others	N/A

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