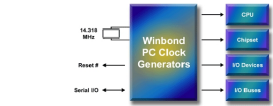


PC Clock Generators Overview

Single-chip Clock Generators from a single 14.318MHz crystal. The chips are designed for 100-CPU based systems and provide features or data-clock programming for the most popular system configurations including CPU, chipset, IO devices and IO buses. System ID's are selected by the on-chip programmable mask-programmed technology. Both master and slave systems. Inventory Time and Clock Generators are provided for on-occasions and system design margin analysis applications.

Related Links

- [PC Features](#)
- [Applications](#)
- [Product Selection Guide](#)
- [New To Buy](#)



Key Features

- Single-chip clock generator from one 14.318MHz crystal
- Clock output for 100-CPU, system-chipset, IO devices, IO buses
- Winbond's 125MHz output
- On-chip mask-programming by serial IO
- Spread spectrum (center or down type)

Benefits

- Low cost for system clock needs
- Highly accurate output for better system reliability
- Compact mask ROM chips, chipsets and memory ICs selected for better time to market
- Some available for over-clocking or timing margin analysis
- Reduced DR by SST

Applications

- Desktop PC microprocessors
- IBM Systems
- IBM Super-Quad Industrial Computers
- IBM Cell-to-Cell
- IBM Embedded Applications

Product Selection Guide

Part Number	Description	Package	Orderable
W61903B-04	60.3MHz/100MHz Intra™ L-LOCK Clock Gen.	500P-40	Request PDF
W61904H-10-VIA	100MHz SS 1050, 1050 Clock Gen.	500P-40	Request PDF
W61904B-38-38A	100MHz/133MHz 144MHz/170MHz VIA Apollo Pro Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-37-80-80A	100MHz/133MHz VIA VULP, Via Apollo Pro Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-81	100MHz SS 133MHz/200 Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-47A-47B	133MHz/Adding 370MHz VIA VULP Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-03A-03A	160MHz SS/640MHz Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-88	100MHz Intra™ B1 Clock Gen., 4.0MHz, with 5.5 T.	500P-16	Request PDF
W61905-16-14A	100/133/150/160MHz Clock Gen., with 5.5 T.	500P-28	Request PDF
W61904B-88-0A	200MHz Winbond 800MHz Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61904B-90	200MHz Winbond 800MHz Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61900B-300	Step-Down Frequency Via PC97013, Intra™ B1 Clock Gen., with 5.5 T.	500P-40	Request PDF
W61900B-750	Step-Down Frequency SS 750, Clock Gen., with 5.5 T.	500P-40	Request PDF
W61900B-8X	Step-Down Frequency Via PC97013 Clock Gen., 2.0MHz, with 5.5 T.	500P-40	Request PDF
W61900B-24	Step-Down Frequency Sinks 810 Clock Gen., 3.0MHz, with 5.5 T.	500P-40	Request PDF
W61900B-26	Step-Down Frequency Sinks 810 Clock Gen., 3.0MHz, with 5.5 T., Pb-Free	500P-40	Request PDF
W61900B-200	Step-Down Frequency Via PC97013, Intra™ B1 Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-640	Step-Down Frequency SS 830/350/640 Step Clock Gen.	500P-40	Request PDF
W61900B-740	Step-Down Frequency SS 730/250/740 Step Clock Gen.	500P-40	Request PDF
W61900B-320	Clock Generator for Intra™ Breakdown™ series chipset	500P-40	Request PDF
W61900B-323	Clock Generator for Intra™ Breakdown™ series chipset, Pb-Free	500P-40	Request PDF
W61900B-8	Step-Down Intra™ 840 Step Clock Gen.	500P-40	Request PDF
W61900B-8	Step-Down Intra™ 840 Step Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-603	Clock Generator for Intra™ P4™ Springdale™ series chipset	500P-40	Request PDF
W61900B-603	Clock Generator for Intra™ P4™ Springdale™ series chipset, Pb-Free	500P-40	Request PDF
W61900B-P4A	Step-Down Via P4/940 Step Clock Gen.	500P-40	Request PDF
W61900B-718	Via Buffer Chipset 4.0MHz or 2.0MHz - 1 (054A)	500P-40	Request PDF
W61900B-645	Step-Down Frequency SS 645™ series Clock Gen.	500P-40	Request PDF
W61900B-640	Step-Down Frequency SS P4™ series Clock Gen.	500P-40	Request PDF
W61900B-725	SS P4 series Chipset DDR 3.0MHz DRAM Buffer	500P-40	Request PDF
W61900B-726	SS P4 series Chipset DDR 3.0MHz DRAM Buffer, Pb-Free	500P-40	Request PDF
W61900B-720	SS P4 series Chipset DDR 3.0MHz DRAM Buffer	500P-28	Request PDF
W61900B-723	SS P4 series Chipset DDR 3.0MHz DRAM Buffer, Pb-Free	500P-28	Request PDF
W61900B-723	Dual Bank DDR Buffer for Via™ chipset	500P-40	Request PDF
W61900B-723	Dual Bank DDR Buffer for Via™ chipset, Pb-Free	500P-40	Request PDF
W61900B-600	Step-Down Frequency Via K5™ chipset Clock Gen.	500P-40	Request PDF
W61900B-600	Step-Down Frequency Via K5™ chipset Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-500	Step-Down Frequency ATLE 500™ series chipset Clock Gen.	500P-40	Request PDF
W61900B-500	Step-Down Frequency ATLE 500™ series chipset Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-341	Step-Down Frequency Via P4/K7 series chipset Clock Gen. Support 2.0MHz or 3.0MHz SDRAM	500P-16	Request PDF
W61900B-341	Step-Down Frequency Via P4/K7 series chipset Clock Gen. Support 2.0MHz or 3.0MHz SDRAM, Pb-Free	500P-16	Request PDF
W61900B-655	Step-Down Frequency SS 655™ Series Clock Gen.	500P-40	Request PDF
W61900B-655	Step-Down Frequency SS 655™ Series Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-372	Step-Down Frequency SS K7™ with 802 Series Clock Gen.	500P-40	Request PDF
W61900B-703	Step-Down Frequency SS K7™ with 804 Series Clock Gen.	500P-40	Request PDF
W61900B-703	Step-Down Frequency SS K7™ with 804 Series Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-803	Step-Down Frequency SS K2™ Series Clock Gen.	500P-40	Request PDF
W61900B-803	Step-Down Frequency SS K2™ Series Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-F1	Step-Down Frequency Via P550™ Chipset Clock Gen.	500P-40	Request PDF
W61900B-903	Step-Down Frequency Via P550™ Chipset Clock Gen.	500P-40	Request PDF
W61900B-903	Step-Down Frequency Via P550™ Chipset Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-811	Step-Down Frequency Via P550™ Chipset Clock Gen.	500P-40	Request PDF
W61900B-911	Step-Down Frequency Via P550™ Chipset Clock Gen., Pb-Free	500P-40	Request PDF
W61900B-912	Clock Generator for VIA™ P4/K7™ Series Chipset, Pb-Free	500P-16	Request PDF
W61900B-911	Clock Generator for Intra™ P4™/K7™ Chipsets	500P-16	Request PDF
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W61900B-412	Clock Generator for AT™ chipset for Intra™ P4™ platform	500P-16	Request PDF
W61900B-413	Clock Generator for AT™ chipset for Intra™ P4™ platform	100P-16	Request PDF
W61900B-341	Clock Generator for AT™ chipset for Intra™ P4™ platform	500P-16	Request PDF
W61900B-320	Clock Generator for AT™ chipset for Intra™ P4™ platform	100P-16	Request PDF
W61900B-414	Clock Generator for AT™ chipset for AMD™ K2™ platform	500P-16	Request PDF
W61900B-414	Clock Generator for AT™ chipset for AMD™ K2™ platform	100P-16	Request PDF
W61900B-362	Clock Generator for AT™ chipset for AMD™ K2™ platform	500P-16	Request PDF
W61900B-362	Clock Generator for AT™ chipset for AMD™ K2™ platform	100P-16	Request PDF
W61900B-49F	OK4100™ compliant Clock Generator for Intra™ P4™ platform	100P-16	Request PDF
W61900B-49F	OK4100™ compliant Clock Generator for Intra™ P4™ platform, Pb-Free	100P-16	Request PDF
W61900B-200	OK500™ Clock Generator for Intra™ Breakdown™ platform, Pb-Free	500P-16	Request PDF
W61900B-200	OK500™ Clock Generator for Intra™ Breakdown™ platform, Pb-Free	100P-16	Request PDF
W61900B-461	8 Current Mode Differential Clock Buffers for PCIe/SATA Clocks, companion with OK48B/CX410 Clocks	500P-40	Request PDF
W61900B-461	8 Current Mode Differential Clock Buffers for PCIe/SATA Clocks, companion with OK48B/CX410 Clocks, Pb-Free	500P-40	Request PDF
W61900B-468	8 Current Mode Differential Clock Buffers for PCIe/SATA Clocks, companion with OK48B/CX410 Clocks	500P-28	Request PDF
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