

Errata for Z8430/Z84C30 NMOS/CMOS Z80 CTC Counter/Timer Circuit Devices

This Errata provides information on the 44-lead QFP which has been replaced by the 44-lead LQFP.

Affected Documents

Table 1 provides the list of documents affected by the replacement of 44-lead QFP with 44-lead LQFP.

Table 1. Documents Affected by the Replacement of 44-Lead QFP with 44-Lead LQFP

Devices	Title	Document Number
Z8430/Z84C30	Z8430/Z84C30 NMOS/CMOS Z80 CTC Counter/Timer Circuit Product Specification	PS0181

44-Lead LQFP

The Z8430/Z84C30 NMOS/CMOS Z80 CTC Counter/Timer Circuit Devices are now available in 44-lead LQFP. Figure 1 displays the pin diagram and Table 2 provides the pin description of the 44-lead LQFP.

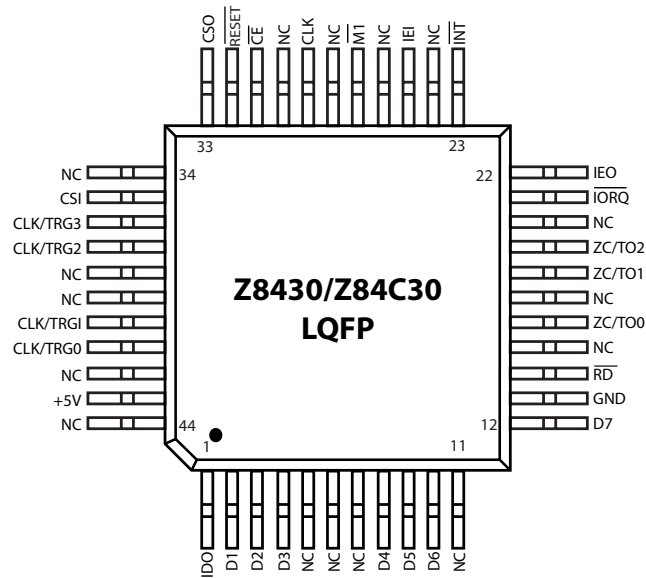


Figure 1. 44-Lead Z8430/Z84C30 LQFP

Table 2. 44-Lead Z8430/Z84C30 LQFP Description

Pin No	Symbol	Function	Direction
1–4	D0–D3	Data Bus 0,1,2,3	Input/Output
5–7	NC	Not Connected	N/A
8–10	D4–D6	Data Bus 4, 5, 6	Input/Output
11	NC	Not Connected	N/A
12	D7	Data Bus 7	Input/Output
13	GND	Ground	Input
14	\overline{RD}	Read Cycle Status	Input
15	NC	Not Connected	N/A
16	ZC/TO0	Zero Count TimeOut Pulse	Output
17	NC	Not Connected	N/A
18–19	ZC/TO1–ZC/TO2	Zero Count TimeOut Pulse	Output
20	NC	Not Connected	N/A
21	\overline{IORQ}	Input/Output Request	Input
22	IEO	Interrupt Enable Out	Output
23	\overline{INT}	Interrupt Request	Output
24	NC	Not Connected	N/A
25	IEI	Interrupt Enable In	Input
26	NC	Not Connected	N/A
27	$\overline{M1}$	Machine Cycle 1	Input
28	NC	Not Connected	N/A
29	CLK	Clock	Input
30	NC	Not Connected	N/A
31	\overline{CE}	Chip Enable	Input
32	\overline{RESET}	Reset	Input
33	CS0	Chip Select 0	Input
34	NC	Not Connected	N/A
35	CS1	Chip Select 1	Input
36–37	CLK/TRG3–CLK/TRG2	Clock Trigger 3, 2	Input
38–39	NC	Not Connected	N/A
40–41	CLK/TRG1–CLK/TRG0	Clock Trigger 1, 0	Input
42	NC	Not Connected	N/A
43	+5V	Power Supply	Input
44	NC	Not Connected	N/A



Warning: DO NOT USE IN LIFE SUPPORT

LIFE SUPPORT POLICY

ZiLOG'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS PRIOR WRITTEN APPROVAL OF THE PRESIDENT AND GENERAL COUNSEL OF ZiLOG CORPORATION.

As used herein

Life support devices or systems are devices which (a) are intended for surgical implant into the body, or (b) support or sustain life and whose failure to perform when properly used in accordance with instructions for use provided in the labeling can be reasonably expected to result in a significant injury to the user. A critical component is any component in a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system or to affect its safety or effectiveness.

Document Disclaimer

©2007 by ZiLOG, Inc. All rights reserved. Information in this publication concerning the devices, applications, or technology described is intended to suggest possible uses and may be superseded. ZiLOG, INC. DOES NOT ASSUME LIABILITY FOR OR PROVIDE A REPRESENTATION OF ACCURACY OF THE INFORMATION, DEVICES, OR TECHNOLOGY DESCRIBED IN THIS DOCUMENT. ZiLOG ALSO DOES NOT ASSUME LIABILITY FOR INTELLECTUAL PROPERTY INFRINGEMENT RELATED IN ANY MANNER TO USE OF INFORMATION, DEVICES, OR TECHNOLOGY DESCRIBED HEREIN OR OTHERWISE. The information contained within this document has been verified according to the general principles of electrical and mechanical engineering.

Z8 is the registered trademark of ZiLOG, Inc. All other product or service names are the property of their respective owners.