

DELUX

深圳市雲江實業有限公司

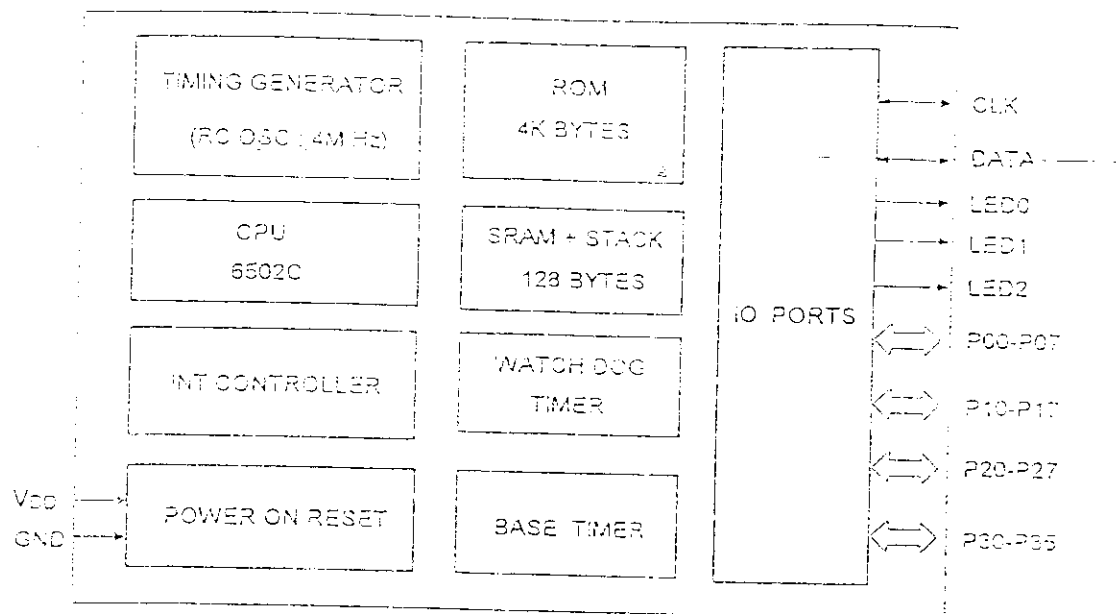
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Block Diagram



Absolute Maximum Ratings*

DC Supply Voltage	-0.3V to +7.0V
Input/Output Voltage	GND -0.2V to VDD +0.2V
Operating Ambient Temperature	-10°C to 50°C
Storage Temperature	-55°C to +125°C
Operating Voltage (VDD)	+4.5V to +5.5V

*Comments

Stresses above those listed under "Absolute Maximum Ratings" may cause permanent damage to the device. These are stress ratings only. Functional operation of this device at these or any other conditions above those indicated in the operational sections of this specification is not implied and exposure to absolute maximum rating conditions for extended periods may affect device reliability.

DC Electrical Characteristics (VDD=5V, GND=0V, TA=25°C, Fosc=4MHz, unless otherwise noted)

Parameters	Symbol	Min.	Typ.	Max.	Unit	Conditions
Power Supply Current	ICC			20	mA	No load
Input High Voltage	VIH	2			V	
Input Low Voltage	VIL			0.8	V	
Output High Voltage	VOH	2.4			V	I _{OH} = -100μA
Output Low Voltage (PORT 0,1,2)	VOL1			0.4	V	I _{OL} = 4mA
Output Low Voltage (PORT 3)	VOL2			0.4	V	I _{OL} = 5mA
Output Low Voltage (CLK, DATA)	VOL3			0.4	V	I _{OL} = 10mA
Frequency Variation	ΔF/F			+/-10	%	By Lots
LED Sink Current (LED 0,1,2)	ILED	10	14	17	mA	V _{OL} = 3.2V

Configuration Block Diagram

