

A/D Inputs	10-Bit × 8ch (with S/H)
Special Ports	Buzzer Output, Remote Control Carrier Signal Output, High-Current Drive Port
Package	MN101C309 LQFP064-P-1414 MN101C30A LQFP064-P-1414, SDIP064-P-0750 (under planning)

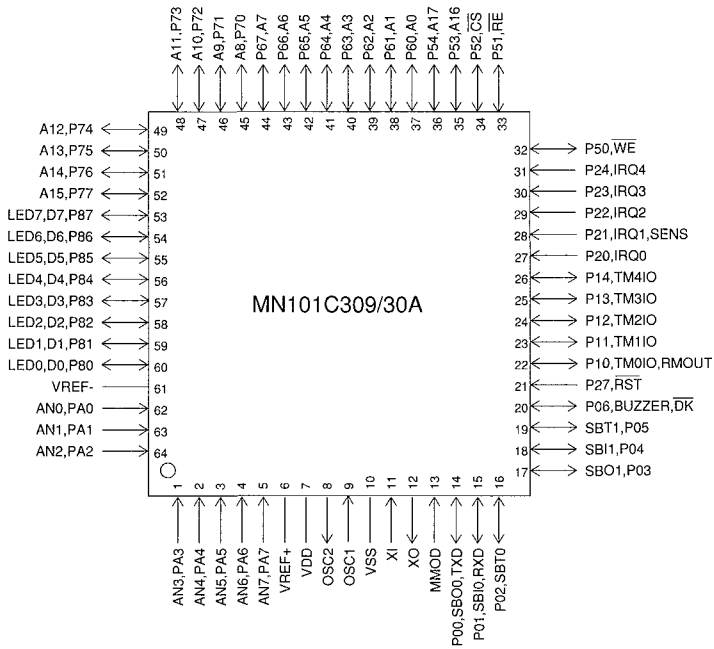
Electrical Characteristics**Supply Current**

Parameter	Symbol	Condition	Limit			Unit
			min	typ	max	
Operating Supply Current	IDD1	$f_{osc} = 20 \text{ MHz}$, $V_{DD} = 5 \text{ V}$			60	mA
	IDD2	$f_x = 32 \text{ kHz}$, $V_{DD} = 3 \text{ V}$			100	μA
Supply Current at HALT1	IDD3	$f_x = 32 \text{ kHz}$, $V_{DD} = 3 \text{ V}$, $T_a = 25 \text{ }^\circ\text{C}$			8	μA
		$f_x = 32 \text{ kHz}$, $V_{DD} = 3 \text{ V}$, $T_a = 85 \text{ }^\circ\text{C}$			18	μA
Supply Current at STOP	IDD4	$V_{DD} = 5 \text{ V}$, $T_a = 25 \text{ }^\circ\text{C}$			2	μA
		$V_{DD} = 5 \text{ V}$, $T_a = -40 \text{ }^\circ\text{C}$ to $+85 \text{ }^\circ\text{C}$			20	μA

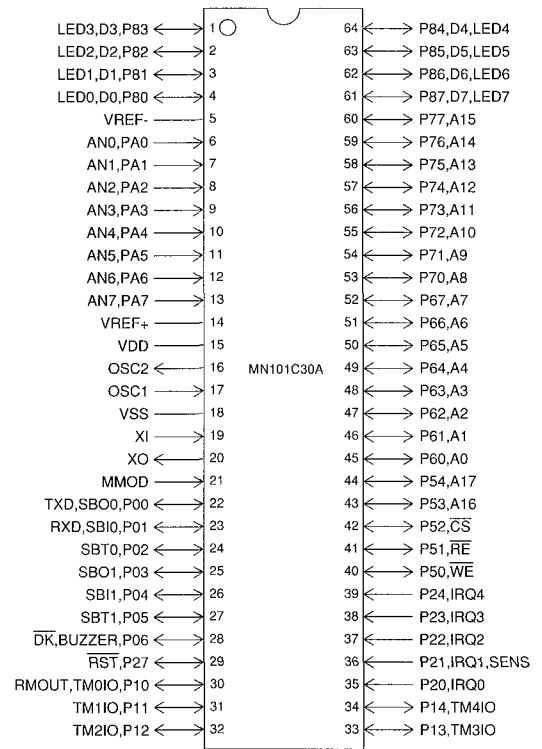
Support Tool

In-Circuit Emulator	PX-ICE101C / D + PX-PRB101C30-C / D	
EPROM built-in Type	Type	MN101CP30ABL (under development)
	ROM (× 8-Bit)	32 K
	RAM (× 8-Bit)	1 536
	Minimum Instruction Execution Time	0 10 μs (at 4 5 V to 5.5 V, 20 MHz)
		0 25 μs (at 2 7 V to 5.5 V, 8 MHz)
	Package	LQFP064-P-1414, SDIP064-P-0750 (under planning)

Pin Assignment



LQFP064-P-1414



SDIP064-P-0750 (under planning)