256 Kb I²C CMOS Serial EEPROM with Software Write Protect N24C256X

WLCSP4
CASE 567XG

Description

Features

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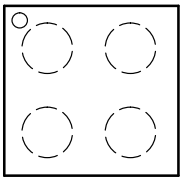
onsemi

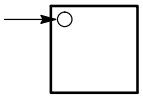
PIN CONFIGURATION



PIN FUNCTION

Pin Name	Function

MARKING DIAGRAM



ORDERING INFORMATION

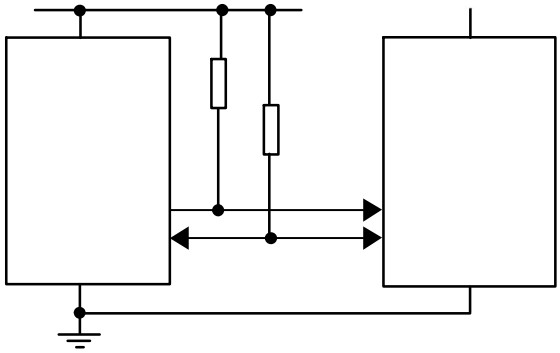


Figure 1. Functional Symbol and Typical Application

Table 1. ABSOLUTE MAXIMUM RATINGS

Parameter	Rating	Units
		°

Table 4. D.C. OPERATING CHARACTERISTICS – °

Symbol	Parameter	Test Conditions	Min	Max	Units

Table 6. A.C. CHARACTERISTICS

Symbol	Parameter	Standard		Fast		Fast Plus		Units
		Min	Max	Min	Max	Min	Max	
								µ
								µ
								µ
								µ
								µ
								µ
								µ
								µ

Power On Reset (POR)

Pin Description

SCL:

SDA:

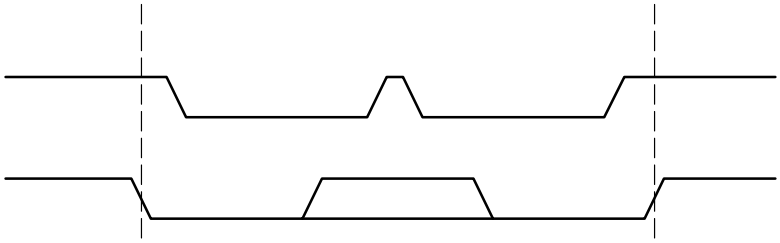


Figure 3. Start/Stop Conditions

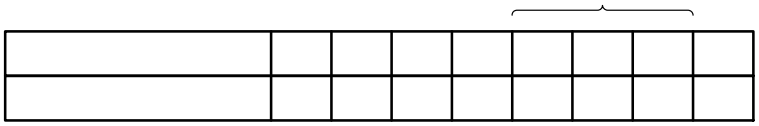


Figure 4. Slave Address Bits

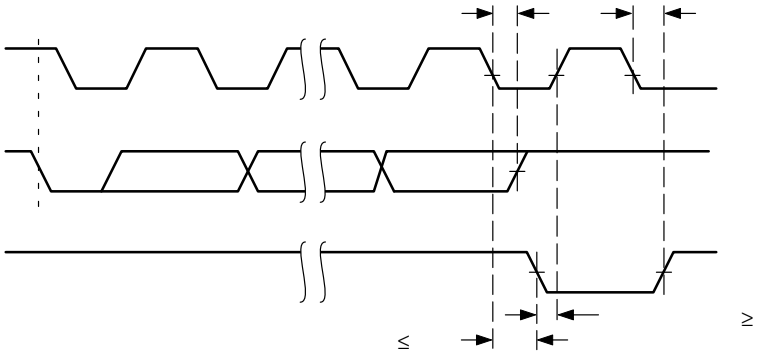


Figure 5. Acknowledge Timing

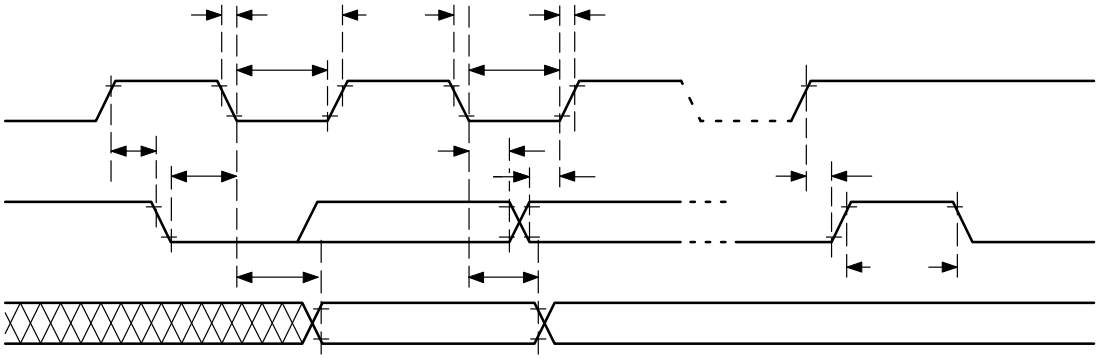


Figure 6. Bus Timing

READ OPERATIONS

Immediate Read

Device Configuration Register Read

Selective Read

Unique ID Number Read

Sequential Read

Delivery State

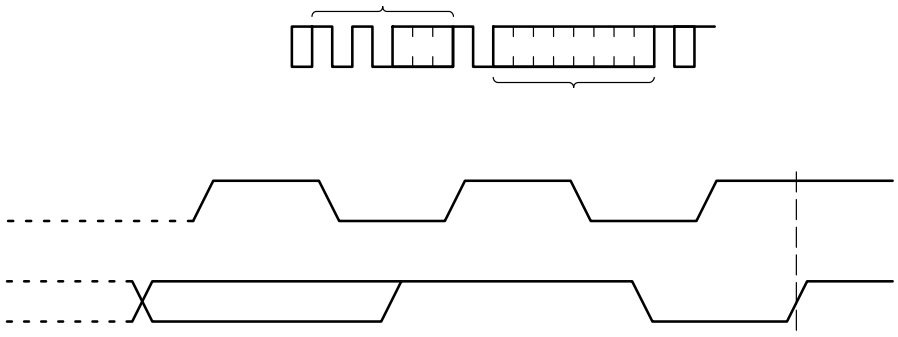


Figure 10. Immediate Read Sequence and Timing

Figure 11. Selective Read Sequence