

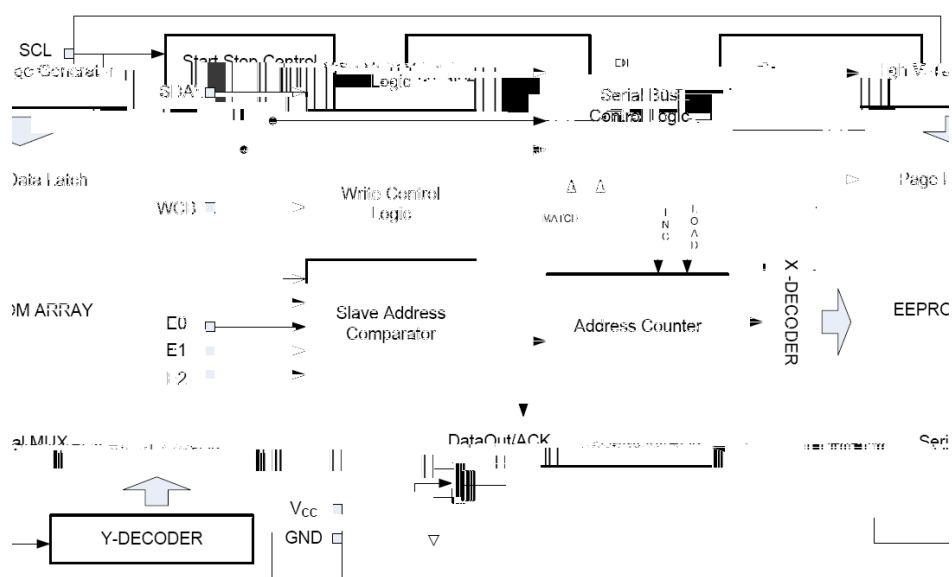
BRCM24C32SC SOP-8 32 Kbit I²C

1.7V	2.5~5.5V	1Mhz	1.7~2.5V
400Khz			
CMOS	400uA	1.6mA	

Pin	Name	Type	Description
1	E0	Input	
2	E1	Input	
3	E2	Input	
4	GND	Ground	
5	SDA	I/O	/
6	SCL	Input	
7	WCB	Input	
8	VCC	Power	

			mA
			V

		Ñ				

[illegible]

(1) SCL

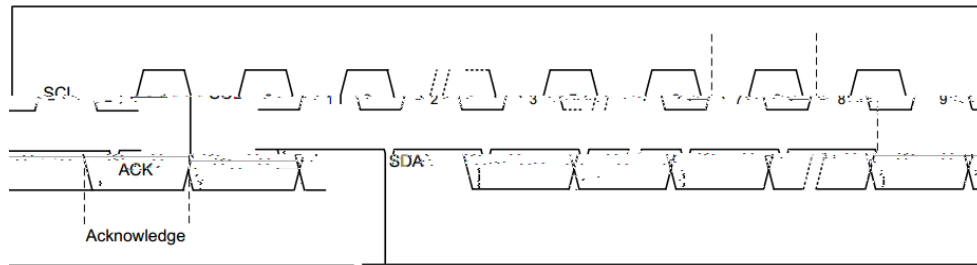
Figure 1 Data Validity

SDA

SDA

Figure 2 Start and Stop Definition

“ 0 ”



E2E1E0

E0

0

8

1

8

/

E2E1

0

H

BRCM24C32SC

WCB

Vcc

H

8

BRCM24C32SC

“ 0 ”

8

8

BRCM24C32SC

“ 0 ”

BRCM24C32SC

BRCM24C32SC

(5)

H

BRCM24C32SC

Figure 9

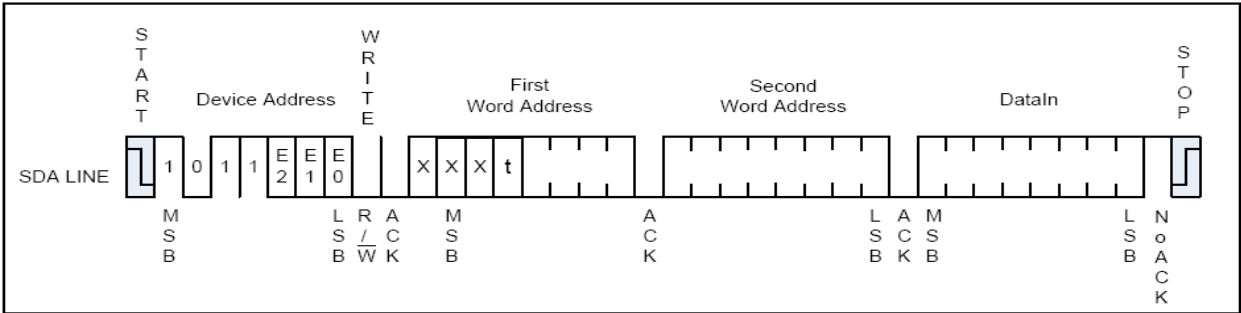
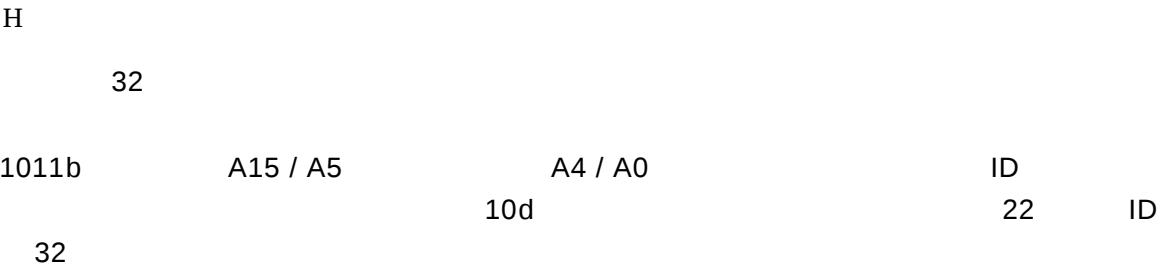
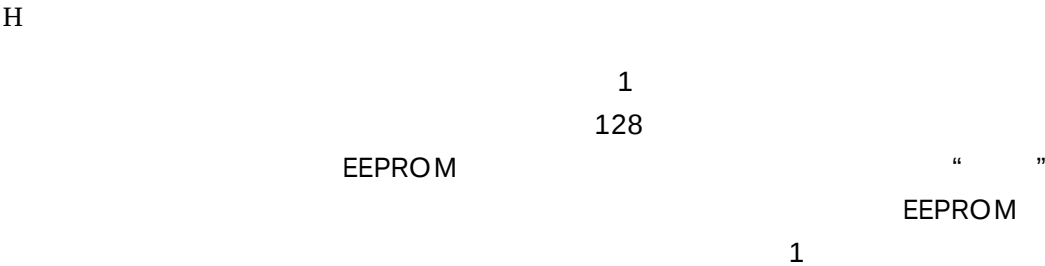
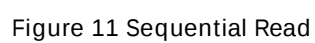


Figure 10 Lock Status Read (When Identification page locked, return NoACK after one data byte)

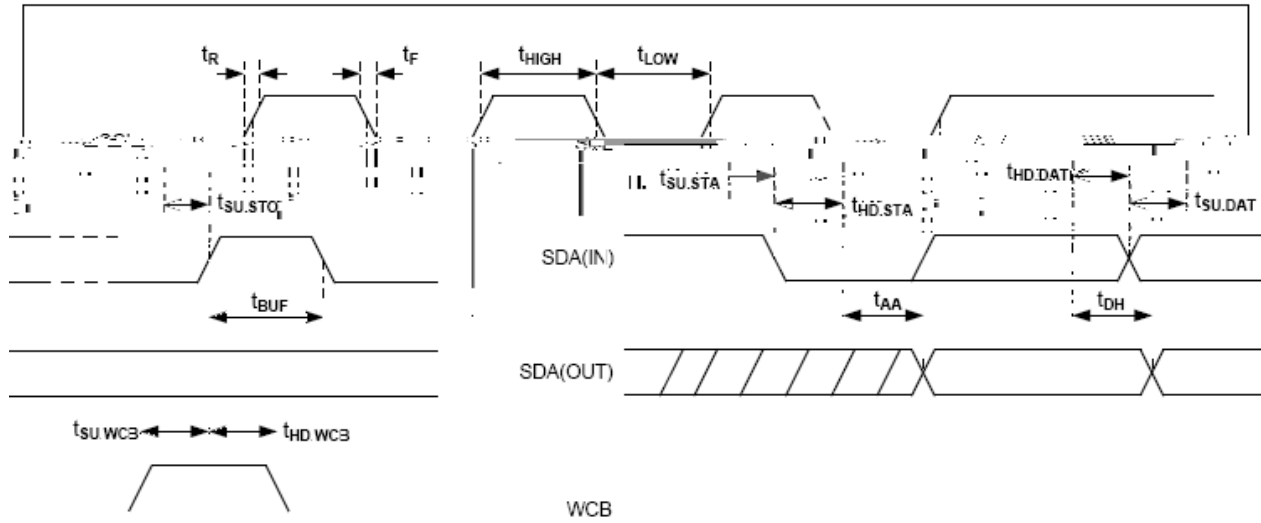


“ 10 ”

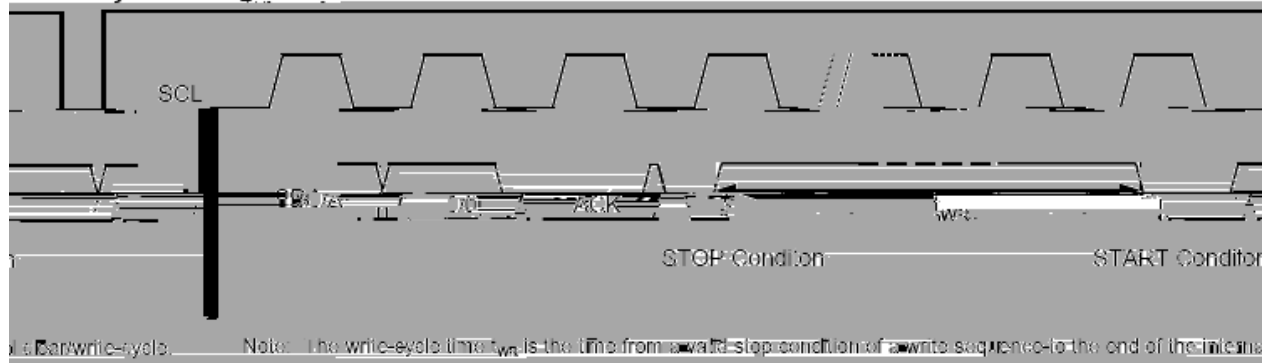
ACK



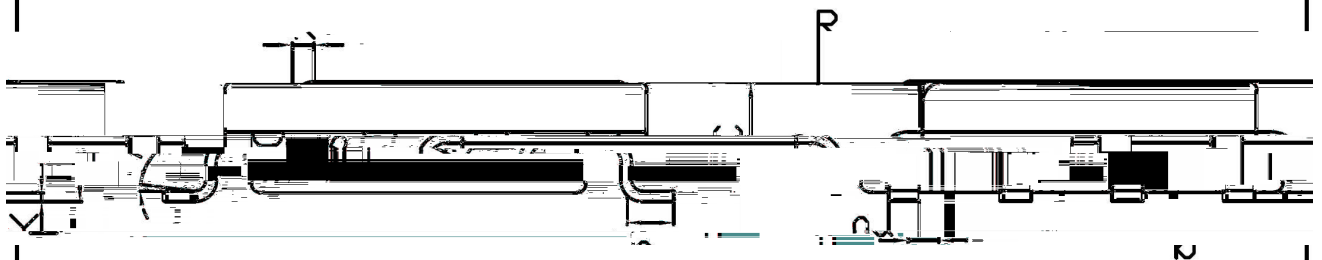
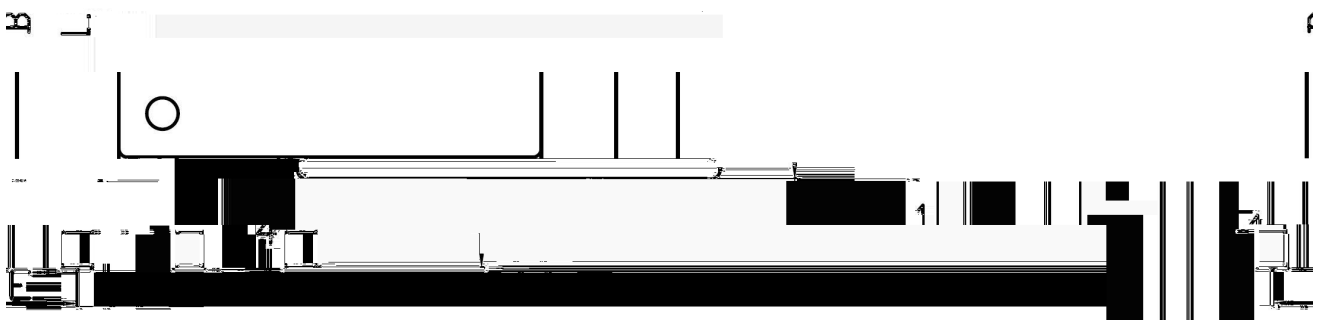
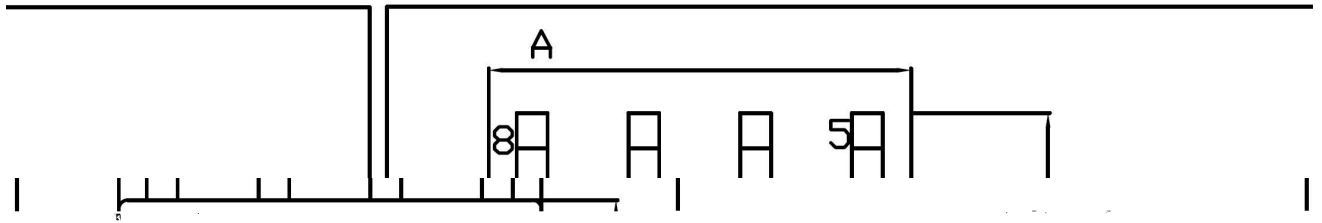
Bus Timing



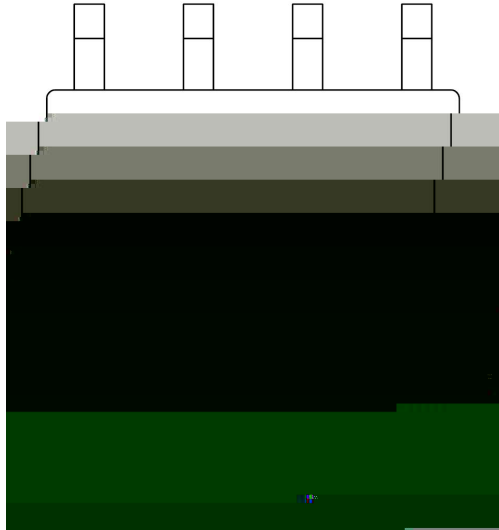
Write Cycle Timing



0.5mm

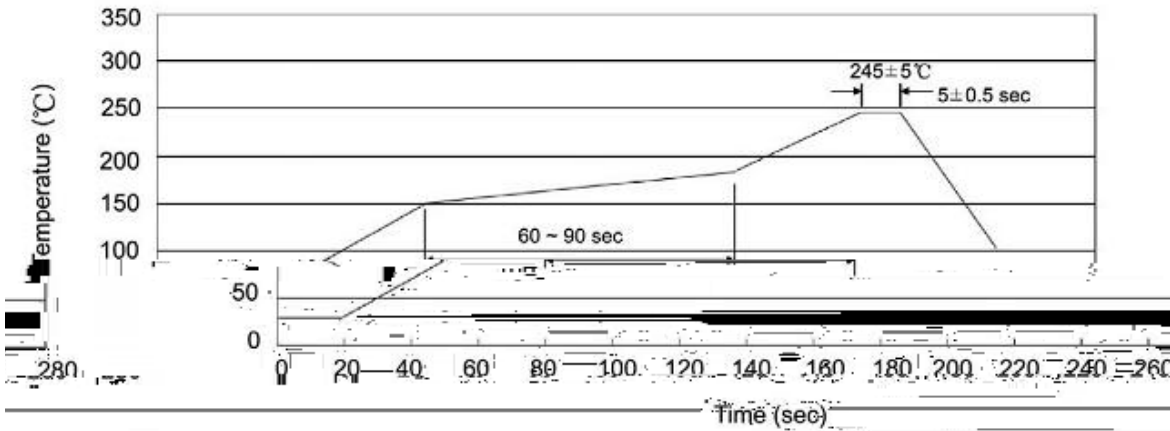


Dimensions In. Millimeters				Dimensions In. Millimeters			
Symbol	Max.	Min.	Typ.	Symbol	Max.	Min.	Typ.
A	1.75	1.45	1.60	B	4.70	4.30	4.50
C	5.00	4.60	4.80	D	5.10	4.70	4.90
E	1.27BSC	1.27	1.27	P	0°	0°	7°
F	0.25	0.25	0.25	G	0.25	0.25	0.25
H	0.25	0.25	0.25	I	0.25	0.25	0.25
J	0.25	0.25	0.25	K	0.25	0.25	0.25
L	0.25	0.25	0.25	M	0.25	0.25	0.25
N	0.25	0.25	0.25	O	0.25	0.25	0.25
P	0.25	0.25	0.25	Q	0.25	0.25	0.25
R	0.25	0.25	0.25	S	0.25	0.25	0.25
T	0.25	0.25	0.25	U	0.25	0.25	0.25
V	0.25	0.25	0.25	W	0.25	0.25	0.25
X	0.25	0.25	0.25	Y	0.25	0.25	0.25
Z	0.25	0.25	0.25	AA	0.25	0.25	0.25



24C32

Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

± ± ± ±

封装形式	包装数量					包装尺寸		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOP/ESOP-8	4,000	2	8,000	6	48,000	13 ×12	360×360×50	380×335×366