EUF P 57F3 ; VF ĩ VRS0 ; Ṃ Ŀ k ̡ ꭗ ; Nel ι Л ķ ⅼ±F ꞑ ꭗ Φ ɔ ̋Ḥ ڽ ᴱ ج è Ӵ ᴴ ṉ̀ ғ ᵝ

ᴅ ɔ ◊ ĕ ɔ ψ
ῳ ṇ Ṫ Ă ɔ я Ḩ 41 : Y ι Ṫ Ă ɔ я ꝑ 518 ¢ 818Y ڑ ι ῳ ̌ Ḣ ت ḭ ' 4 P k } ι Ṫ Ă ɔ я ꝑ 41 : ¢ 518Y ڑ ι
ῳ ̌ Ḣ ت ḭ ' 733Nk } ψ

HBM mode **Pinning**

Slq	Qdph	W|sh	Ghvfulswlrq
4	QF	0	Ừ Ⅵ
5	QF	0	Ừ Ⅵ
6	H5	Lqsxw	ĸ ş ӽ ⊅ ⅃
7	JQG	Jurxqg	ὓ ɑ ş
8	VGD	L2R	ѩ M Ừ Ⅵ

/ Marking

ǭ м ٦ ٻ ̋

v ̋Ω̹	ɏ ᴺ	̋Ω̹ Ӫ	ᴅ ꞔ
			ƚ
			ƚ
		ɛ ζ	
̂ ̃			

/ Reliability Characteristic

v ̋Ω̹	ɏ ᴺ	╜ ؛ᛏ ƫ	ῳ ṇ Ӫ	Ɛ ȝ Ӫ	ῳ ᶻ Ӫ	ᴅ ꞔ
		Ņ̆ ̆				

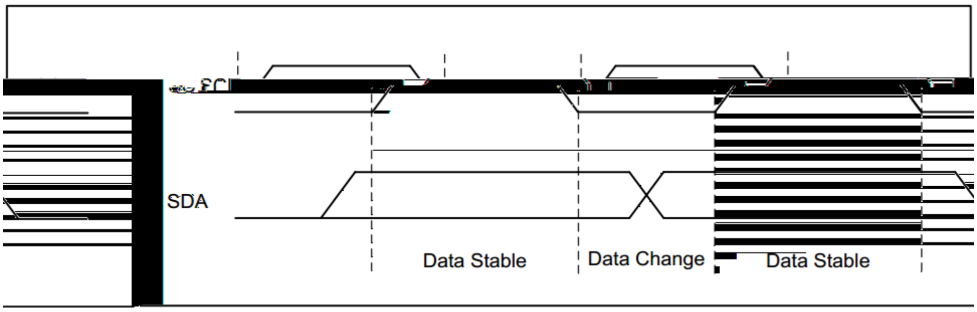
v ‟Ω ɣ ᴺ ╜ ؛ϯ Ʈ

ν ῗΩ̣	ɣ ᴺ	ν			ν ν			D Ɥ
		ω̣ ṇ Ӫ	Ɛ ʒ̧ Ӫ	ω̣ ẑ Ӫ	ω̣ ṇ Ӫ	Ɛ ʒ̧ Ӫ	ω̣ ẑ Ӫ	

/ Functional Description

ƿ / Data Input

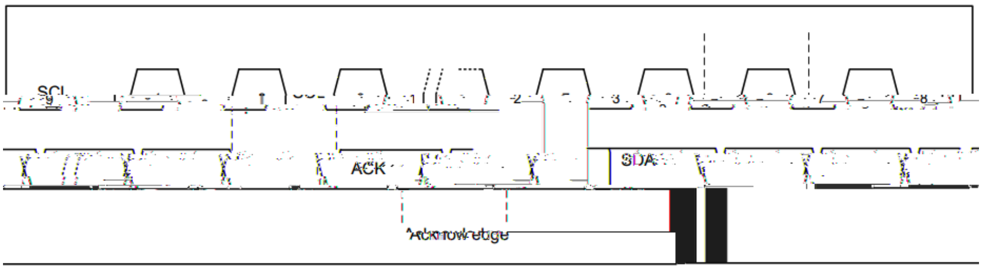
VGD Ậ ű ̡ưẂ ĭ ᵁ ɥիФ ៖ ̃l ݎ VGD Ậ ű i￼˝Ω̥ ˜ Ω ᴱ ȋ́ ƿ VF0 Ḫ ↄ ẈH ˜ ώ̥+ ḅ g̦ 4 ˝A˜ , VF0 ݎ ↄ Ẉ Ω̥ ݜ￼ VGD ˝Ω̥ ˜Ω ώ̥ ᴪ ı Ṅ ғ ⫞ ᴠ Ḋ ʒ ᴺ α̃ ȳ Ᵽ ʒ ᴺ + ḅ g̦ 4 ˝A˜ , χ



Il j xuh 4 Gdwd Ydolglw|

ƿ / Start Condition

/ Functional Description



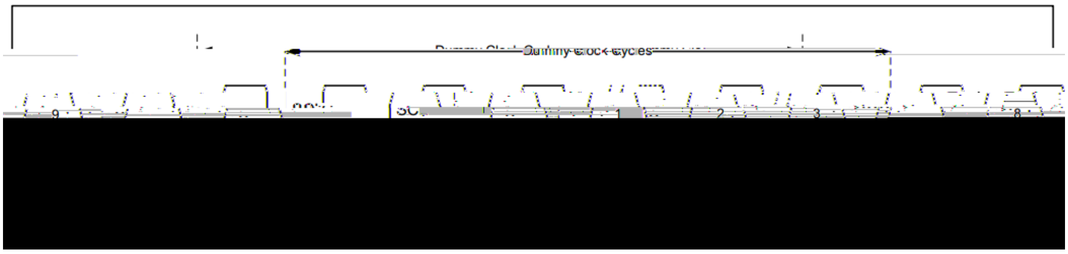
Iljxuh 6 Rxwsxw Dfnqrzohgjh

ꝑ / Standby Mode

EUFP57F3;VF ꞇ ῶ Ḩ ı ắ ể ₩Ã ı ǐ ₩Ã ℵ ꝑ⫶d, ꝑ پ Ά i ɔ ᵅ /+e, ꝑ ج п ₩Ã ï ì ώ Ѧ ÿ ฿ ɥ ᵅ /+f, Ḣ ӑ Ѧ ɲ Աɦ ἡ Ή ⅄ ϒ Ḥ Ă ᵅ

ꝑ / Soft Reset

ꝑ в ɲ Ă ɔ Ѣ, ӑ ⅄ /| ᵘ ɥ ѧ Ă ᵅ ı ˡ Ꝏ ڝ ٻ Ꝏ ï ℓ ج پ ⅃ γ Ṃ, ᴥ ⅂ Աɦ Ț χ⫶d, ấ Ѧ Ȁ Ḋ Ț /+e, ϙ Ѧ Ή ٽ ᵕ Ω/+f, ấ ᴰ Ѧ ∨ Ḋ ɥ ʒ ᴺ √ ɵ ÿ ฿ ɥ ʒ ᴺ ı ḇ ᶃ 7 Ά˜ ꝑ Ḣ ӑ i ڭ ℓ ج ᵅ ı Ф ᵎ Ṯ ᵎ Ḇ ڦ Φ ï Ꝃ ټ ʒ



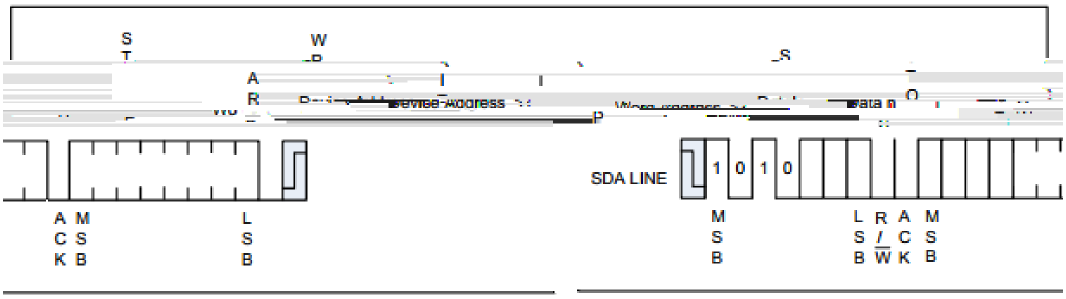
Iljxuh 7 Vriw Uhvhw

ꝑ / Device Addressing

EUFP57F3;VF ꝑ ᵏ Ʊ Ț ᵅ ⅄ ⌊ Ѧ ; ɥ ᴴ Ț ʂ ϰ È ı ꝎÆ Ⴢ Ꝺ ḯ ᶻ ڦ Φ ج ӑ ῝Ḥ Ă ɛ ḅ ῾ 4 Ά˜ ζ ᴴ Ț ʂ ϰ È ꝁ ɥ ꝅ ɖ ἡ 4 3 ẑ˚

/ Functional Description

/ Functional Description



/ Page Write

[illegible]

[illegible]

/ Functional Description

ƿ / Acknowledge Polling

ῆ ᲊ ሡ ћ ῌ ᵕ Ọ Ǟ Ḋ Ẋ ẗ EUF P 57F3 ; VF ڑ ჯ ı ȍ ᴵ Ꝏ ᵏ ʊ Ẕ ٩ ڒ Ĩ ڣ ɣ ὐ ʌ ڳ Ѧ ⅴ Ḋ ʒ ᴺ ᶜ ꝑ ф ᵗ ʂ ҳ Ȅ ˋ ᵅ ₌ ı ꞇ 2 ʉ Ꭰ ˊ Ά ⅄ Ḫ Ă ᴱ ῶ ꝑ ᲊ ሡ ᵕ Ọ Ḣ ᾰ ᵅ ı EUF P 57F3 ; VF ἐ ђ ᵠ Ẕ ᴅ 3 ɓ ı ы ꝑ ꞇ ᾶ ẑ ˚ ⁄ ⁄

ƿ / Write Identification Page

‰ ᶘ ᵚ ε 49 Ȅ ˋ ζ ĩ Ѧ ڳ ẗ ᵚ ₌ ı ᴵ Ꝏ ꝑ ᴱ ꞇ ₩ Ã ï ჯ Ẋ ⇔ Ψ ᶎ ћ Ḝ ᑊ ‰ ᶘ ᵚ ₌ Ύ ҧ ჯ ỉ Ύ ҧ Æ ẗ љ ᵚ ε ᲊ ѐ ڪ ˚ ζ ʊ ῶ ª ʙ ɲ ⁼ ț Ã ı Ꞩ ῶ Ꝏ ï ᴫ χ

₊d, ф ᵗ ᑊ ʒ ‰ ᶘ χ 4344e ψ

₊e, ʂ ҳ ʉ D8 2 D7 γ Ỷ 3 ᾰ 4 ᑊ ᵀ ı ʂ ҳ ʉ D: 2 D9 ọ ɕ ꭎ ᴅ 33 ɓ ψ

₊f, ʂ ҳ ʉ D6 2 D3 ћ ϴ ‰ ᶘ ᵚ ₌ ᲊ Ȅ ˋ ʂ ҳ ḅ ' ‰ ᶘ ᵚ ₌ ĩ ᶎ ћ ı ꝑ ‰ ᶘ ᵚ ₌ Ύ ҧ Ọ ڑ ɘ ڑ Ὼ Ὼ Ȅ ˋ ʝ ђ ꝗ Ẕ ٩ ε Q r DFN ζ

ƿ / Lock Identification Page

ᶎ ћ ‰ ᶘ ᵚ ₌ Ύ ҧ ε ᶎ ћ ꞁG ζ ⇔ Ψ ᶎ ћ ‰ ᶘ ᵚ ₌ ꝑ ᴱ ꞇ ₩ Ã ï ڦ Φ 0 r f n ꞁG Ύ ҧ ᑊ ᲊ Ȅ ˋ ε ᲊ ѐ ڪ ˚ ζ ı ʊ ч ț ʇ ḅ ï χ

₊d, ф ᵗ ᑊ ʒ ‰ ᶘ χ 4344e ›

₊e, ʂ ҳ ʉ D9 ꭎ 4 ı Ꞇ Ӈ ʉ γ Ỷ ›

₊f, Ὼ Ὼ Ȅ ˋ ọ ɕ ᶒ ˜ ڦ Ӫ {{{{ {{4{ ı Ꞇ ѧ { ꭎ γ Ỷ 3 ᾰ 4

ı

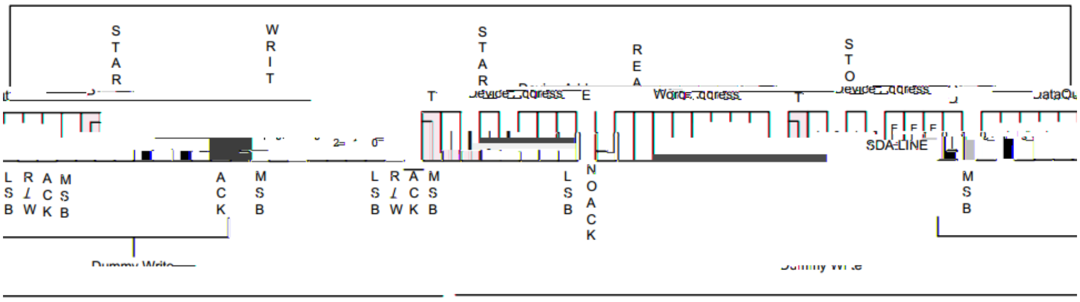
/ Functional Description

ƿ / Read Operations

ڻ̄ ح2̈ J̌΅Oȟ ɵ ᵁ ı ح῾ḤĂ￼ᵏ ʋΆ Ãљ̈ ῾ḤẲ ª ı ح῾ḤĂ ʌ ᴴ ʈ ʂ ҳ￼ح2̈ ȟ Ф ɺ ɒ4ɓ ح
῾ḤĂ ῶ s ˧ ₩Ã χ Ẹ̇ ʂ ҳ ح ℿ› ҿ ʂ ҳ ح ℿ ᵓ ̥̄ ẑ ح ℿ

ƿ

/ Functional Description



³ð Ðð‘0¥ Ð"yá"'óP®•

/ Functional Description

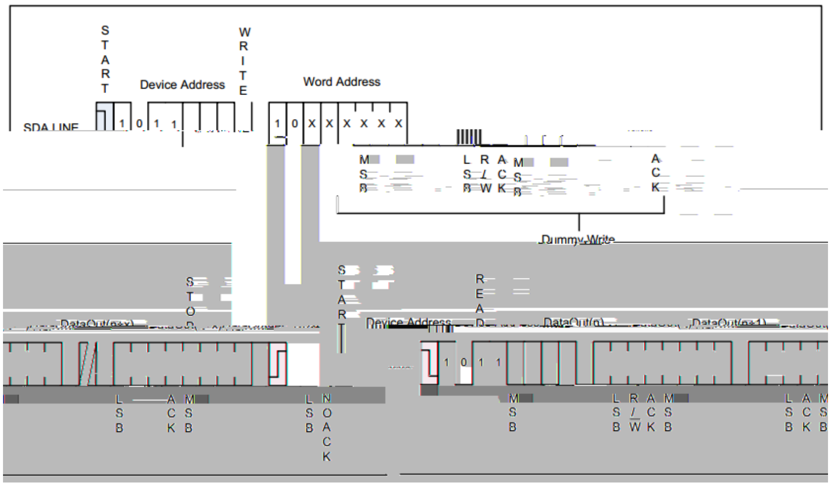
ƿ / Read Identification Page

‰ᗐ ̎ ε 49 È̀ ` ζ ĩ ₳ ڳ ĭ ̎ ₌ ı ᑊ Ҩ ᶈ ᴱ ج₩Ã ï ̈ Ꝛ Ẋ ⇔ Ψ ڿ ḧ ᗐ̣ ̎ ₌ ᑊ Ҩ ټ ص ح п ᗐ̣ ̎ ₌ ̎Ϋђ ح п ı ĺ ̎Ϋђ Æ ĭ љ ح ᵘ ђ ε ͐ ₅ è Ӵ ᴴ ڪ̊ ζ ῶ̓ ª￼ʙ ƞ ⁼ƭ Ã ı ф ᵎ ɻ ʒ ‰ᗐ ɤ ḧ Ѳ ѭ 4344e ʂ ӿ ɧ D: 2 D9 ọ ʢ ѭ 3 ı ᾰ̋ D8 γ Ỵ ı ʂ ӿ ɧ D7 2 D3 ḣ Ѳ ‰ᗐ ̎ ԓ￼È̀ ` ʂ ӿ ꝇG ̎ ₌ ₳ ɭ ح п￼È̀ ` ̎Ω̣ j ệ ʌ ص ̎ ₌ ڗ ʢ ε æ ḅ ı κ ɧ ɺ 43g ح п ‰ᗐ ̎ Ἡ ı È̀ ` ̎Ω̣ Ẕ ṇ̃ ᾰ̃ ɰ̃ 9 ı ɨ ѭ ꝇG ̎ ڗ ʢ ѭ 49 È̀ ` ζ

/ Functional Description

%ᵁ ı ẑ˚ ᴺ￼Ȅ ş ҳ D: ⁼ D9 ɏ ẑ˚ ᵯ ɒ 43 ɓ ı ḅ ˊ 5 ѧ ῎Ά˜ ￼ ḯ ȹ ş ҳ ḅ ˈ Æ ፣ ɒ 43 ɓ Ꝏ ᵁ ￼ Ȅ ş ҳ ı ჲ ψ ȹ ꜝ Ṅ ڗ¸ ˈ ĥ ϴ￼῎Ω̨῀Ω ε˜ æ χ ḅ ˈ Ẕ ፣ Ꮧ ẑ Ű῾Ω ج ɲ ẑ˚ ᴺ￼Ꮧ ѧ Ȅ ˋ ı˶ Ȅ ş ҳ ڗ Ꞟ ⅄ ɭ ᵯ ;3k ζ

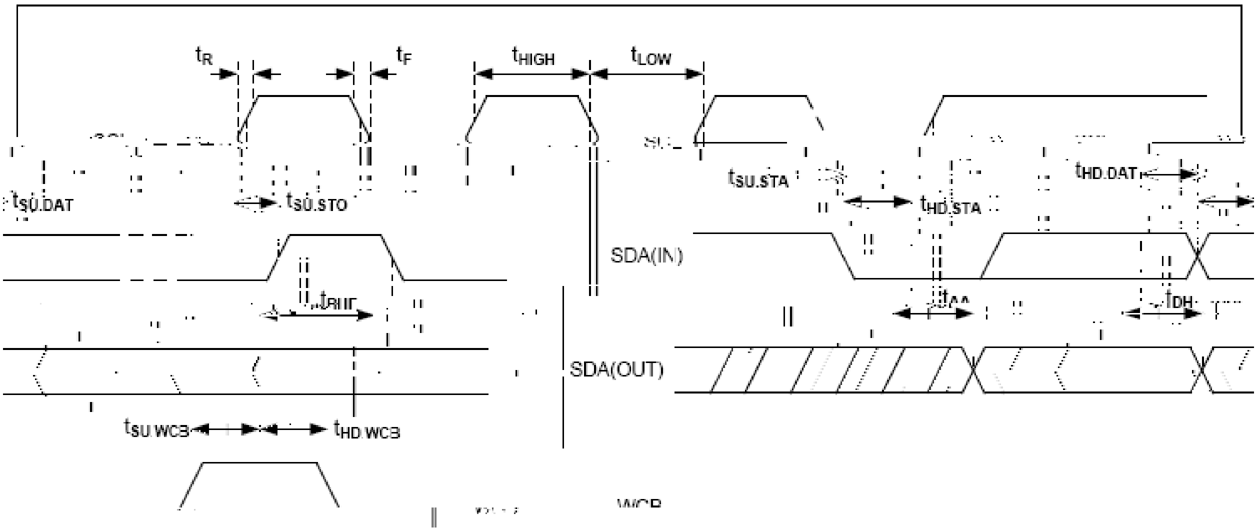
Ẹ ڙ˙ 45; ɏ ε 49 Ȅ ˋ ῎Ω̨῀Ω ζ ẑ˚ ᴺ￼ Ṕ῾Η ı Ꮧ Ꮧ ج ɲ ῎Ε ṛ̂ è Ϋ ת Ṅ Ṁ₇ پ ᴴ￼ẑ˚ ᴺ῎Ω̨῀Ω ج¸ ı ῎Ω̨῀Ω Ȅ ş ҳ Ṅ˘ چ ɫ˙ 45; ￼Ȁ˘ ɏ ẑ˚ ᴺ Ȅ ş ҳ Ẹ ỉ í˙ ᴴ ≡ ῶ ᵠ Ẕ ˛ ε DFN ζ῾Η ı ẑ˚ ᴺ ج῎Ḥ Ă Ꮧ ฿ Ẋ ʌ¸ ӯ ฿ꜝ ꞇ ε ǒ ɠ̧ : ζ



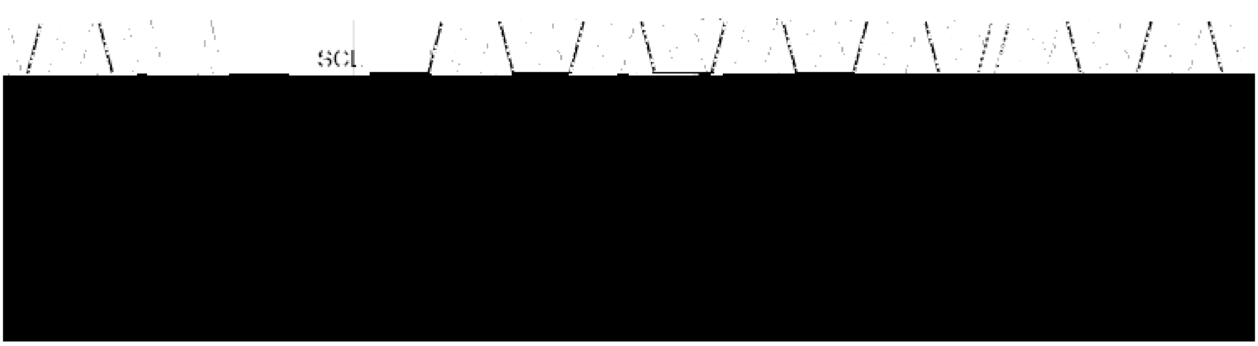
Ilj xuh 44 Vht xhqwldo Uhdg

/ Time Sequence Diagram

Bus Timing



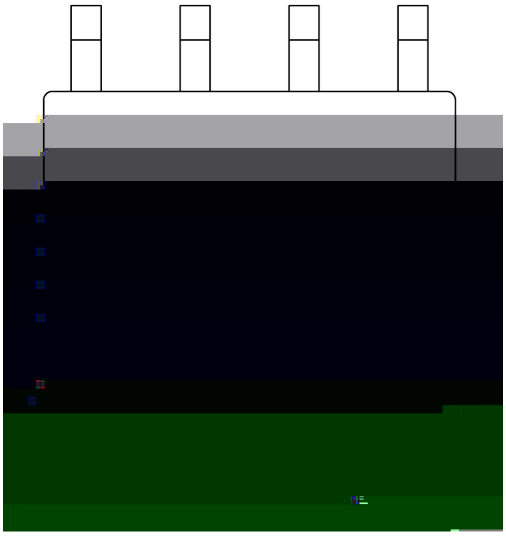
Write Cycle Timing



/ Package Dimensions

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	4.7[illegible]	5.1[illegible]	[illegible]	1.35	1.75
D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	1.27BSC		P	0°	7°

/ Marking Instructions



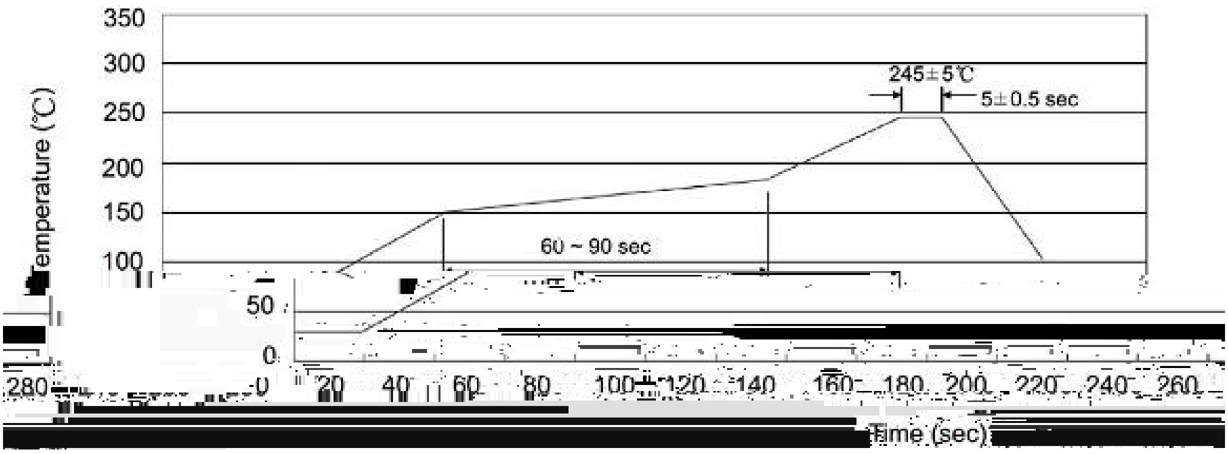
ب ˝ χ

χ ҥ ʇ ᴎ Ꮒ

57F3 ; χ ҥ ʒ ᴺ Ꮒ

- - - - χ ҥ ꟷ ꞙ ή ᴺ Ꮒ ι ᶒ ꟷ ꞙ ή ᴺ ψ ק

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ

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Ś Ӫ □ ẙ ° ɫ ı `H ڗ ʽY ʎ ㅉ ° ° ɫ °

ì˙ Ⴁ˛ ɔ ه ẙ ㅉ Ḱ ɫ ɫ

`Y / Resistance to Soldering Heat Test Conditions

[redacted] ° ɫ °

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	|í	|í ç	ç	ç ±	±	ρ	ç	±