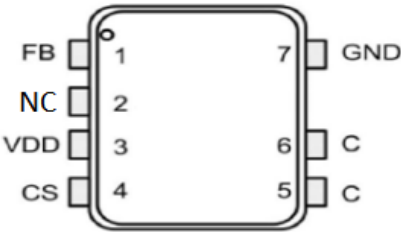
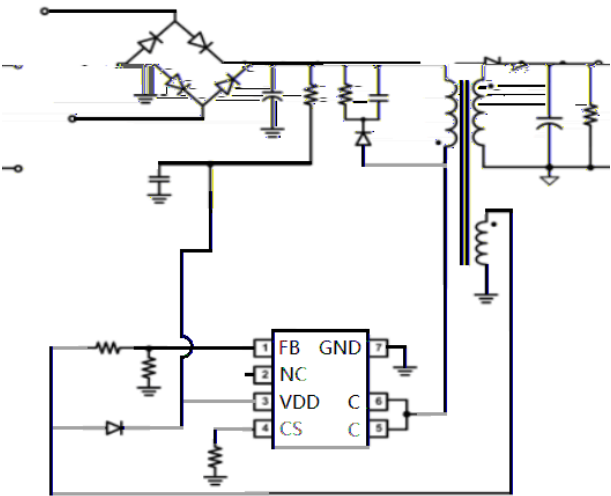
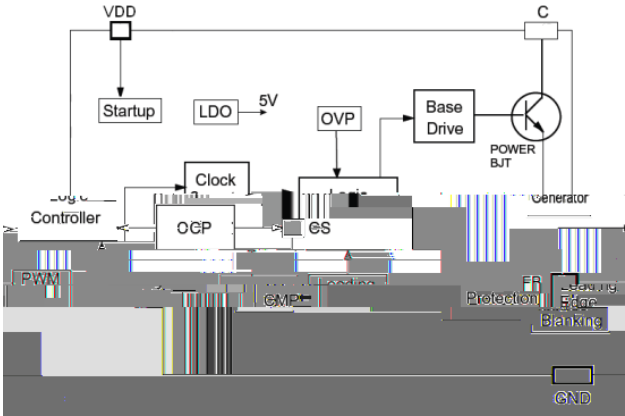


Rev.B May.-2019





1	FB	
2	NC	
3	VDD	
4	CS	
5、6	C	BJT
7	GND	



C Pin Voltage Range	-0.3 to 800	V
V _{DD} DC Supply Voltage	-0.3 to 27	V
CS Voltage Range	-0.3 to 6	V
FB Voltage Range	-0.3 to 6	V
Thermal Resistance Junction-ambient	95	°C/W
Maximum Junction Temperature	150	°C
Operating Temperature Range	-40 to +125	°C
Storage Temperature Range	-65 to +150	°C
Lead Temperature (Soldering,10sec.)	260	°C

1

Note 1: If the device operating conditions over the maximum rating of the above-mentioned conditions, may cause permanent damage to the device. The above parameters is only part of the operating conditions the maximum, we do not recommend the device running outside the scope of this specification. If the device to work long hours under the condition of absolute maximum limit, its stability may be affected.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Start-up current into VDD pin	I _{VDD_st}	(V _{DD_ON} -1) V		3	20	uA
Operation Current	I _{VDD_Op}			0.8		mA
VDD Under Voltage Lockout Exit	V _{DD_ON}	VDD Rising	15	16	17	V
VDD Under Voltage Lockout Enter	V _{DD_OFF}	VDD Falling	3.8	4.2	4.6	V
VDD OVP Threshold	V _{DD_OVP}			26		V
Internal Error Amplifier (EA) Reference Input	V _{FB}		1.975	2.0	2.025	V
Minimum OFF time	T _{off_min}			2		us
Maximum frequency	F _{max}			100		KHz
Minimum frequency	F _{min}			350		Hz



Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Cable Drop Compensation (CDC) Current	I _{Cable_max}			45		uA
CS Input Leading Edge Blanking Time	T _{LEB}			350		ns
Minimum overcurrent protection threshold	V _{TH_OCPmin}			500		mV
Maximum overcurrent protection threshold	V _{TH_OCPmax}			550		mV
Collector-Base Breakdown Voltage	V _{CBO}		800			V



BRAD66225SA (PSR)

/

VDD

VDD

BRAD66225SA BJT
BJT

BJT FB FB 2/3
2.0V

BRAD66225SA VFB CS CS CS

BRAD66225SA FB

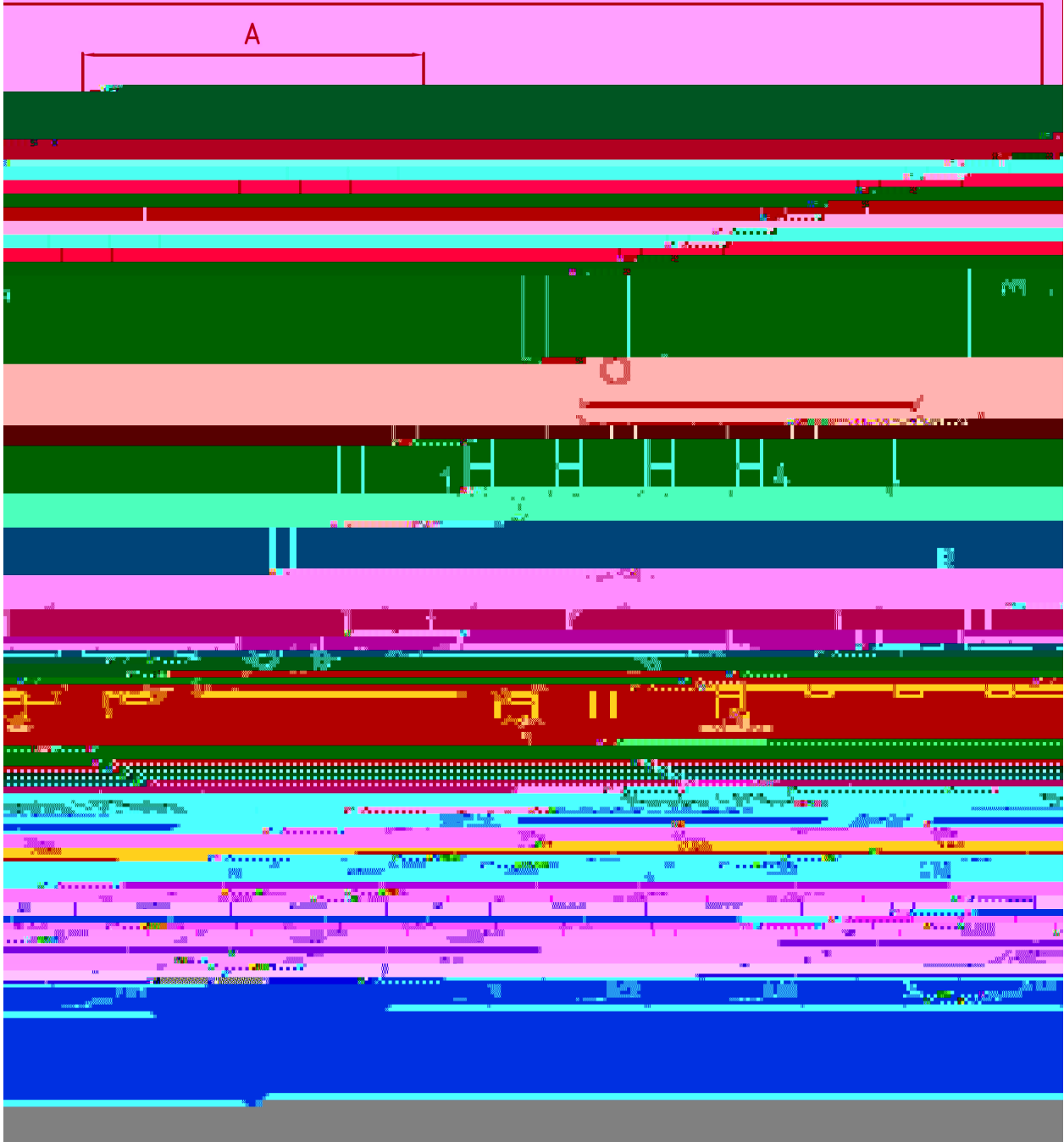
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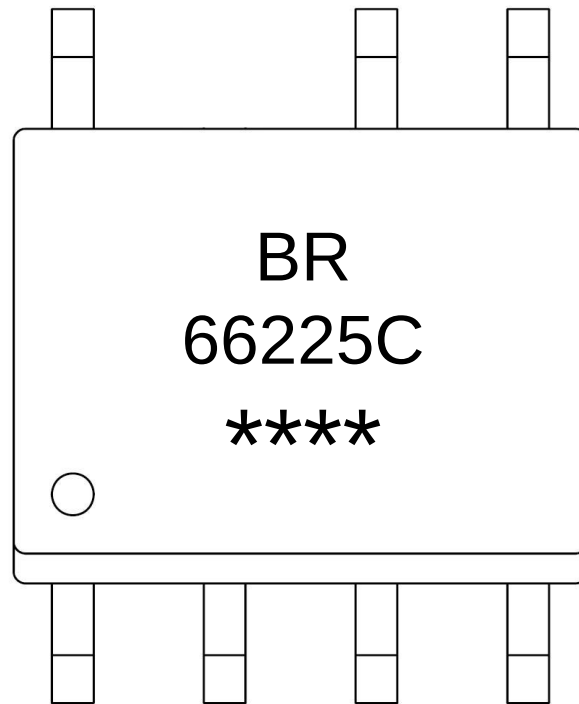
150

BRAD66225SA

SOP-7

单位: 万元



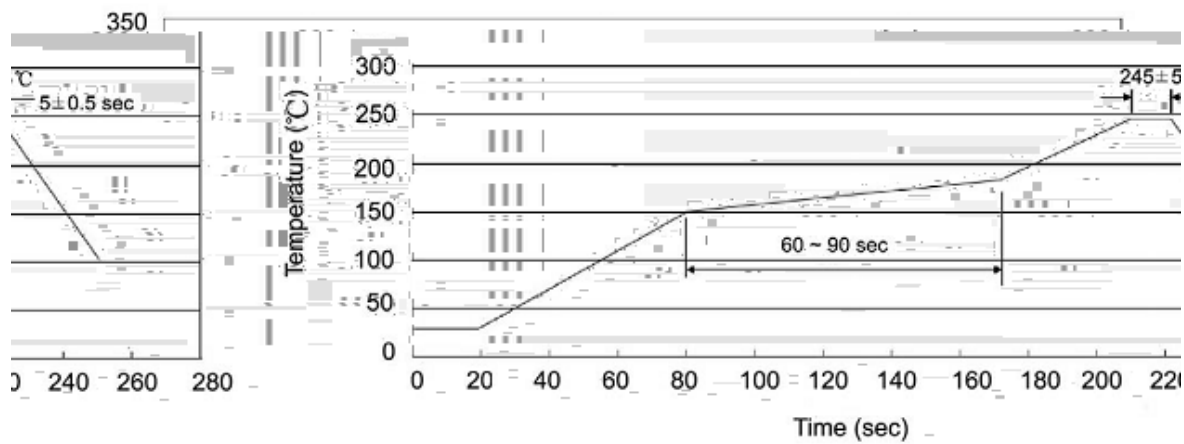


BR
66225C 66225D 66225E
****:

Note

BR	Company Code
66225C	Product Type, or 66225D , or 66225E
****:	Lot No.Code,code change with Lot No.

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5

10±1 sec.

Temp.:260±5℃

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	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-7	4,000	2	8,000	6	48,000	13" ×12	360×360×50	380×335×366