



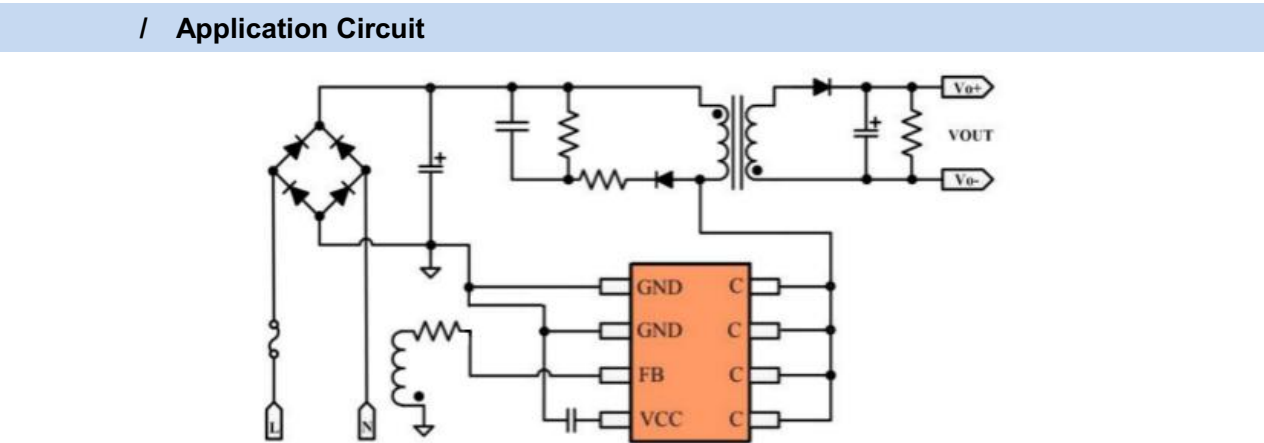
/ Revised record

A	2022-3-31				

/ Descriptions			
BRAD6265DSC		PWM	
	BRAD6265DSC		
	CC/CV		
90V~264V			
			BRAD6265DSC
	UVLO	OTP	OCP
FB			

/ Features			
◆			
◆			
◆	FB		
◆		TL431	
◆			
◆			
◆			
◆			
◆			
◆			
◆	FB		
◆			
◆			
◆	SOP-8		

/ Applications			
◆			
◆	LED		
◆			
◆	RCC		





Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
	T_{LEB}			300		ns
	I_{PMAX}		300	330	360	mA
FB						
	V_{FB_REF}			1.2		V
	V_{FB_SHORT}					

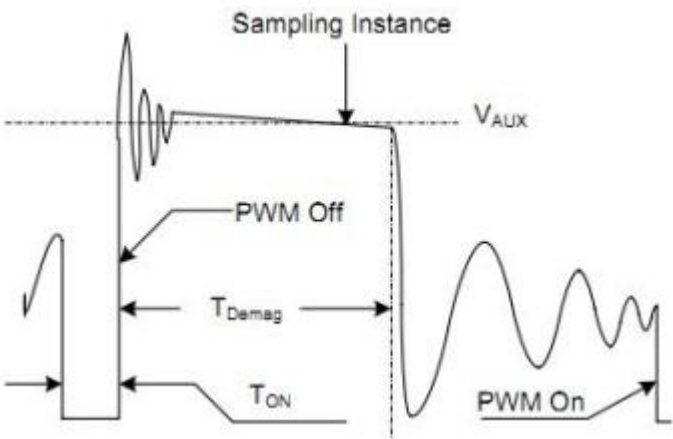
/ Functional Description

BRAD6265DSC		PWM
	BRAD6265DSC	
	CC/CV	
90V~264V		TL431
/		
BRAD6265DSC	CC	
	CV	FB
FB		
	BRAD6265DSC	DCM
	CC/CV	I _p

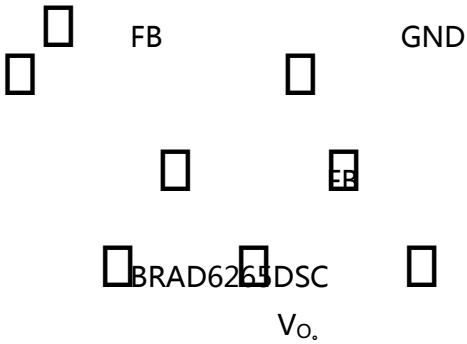
$$I_S = \frac{N_P}{N_S} \times I_P \qquad 1$$

$$V_{AUX} = \frac{N_{AUX}}{N_S} \times (V_o + \Delta V) \qquad 2$$

ΔV

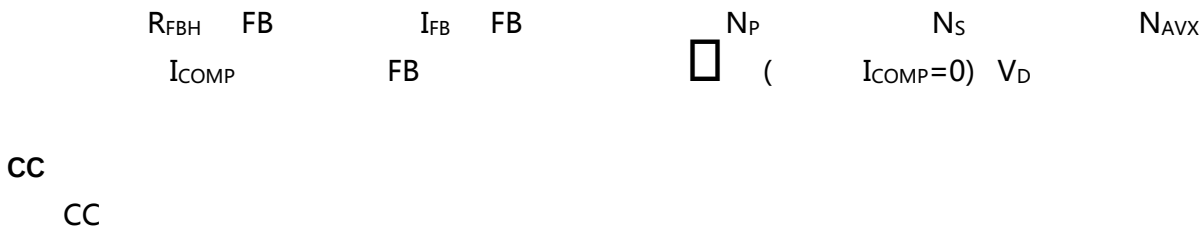


1



$$V_O = (V_{FB} + (I_{FB} + I_{COMP}) \times R_{FBH}) \times \frac{N_s}{N_p} - V_D \quad 3$$

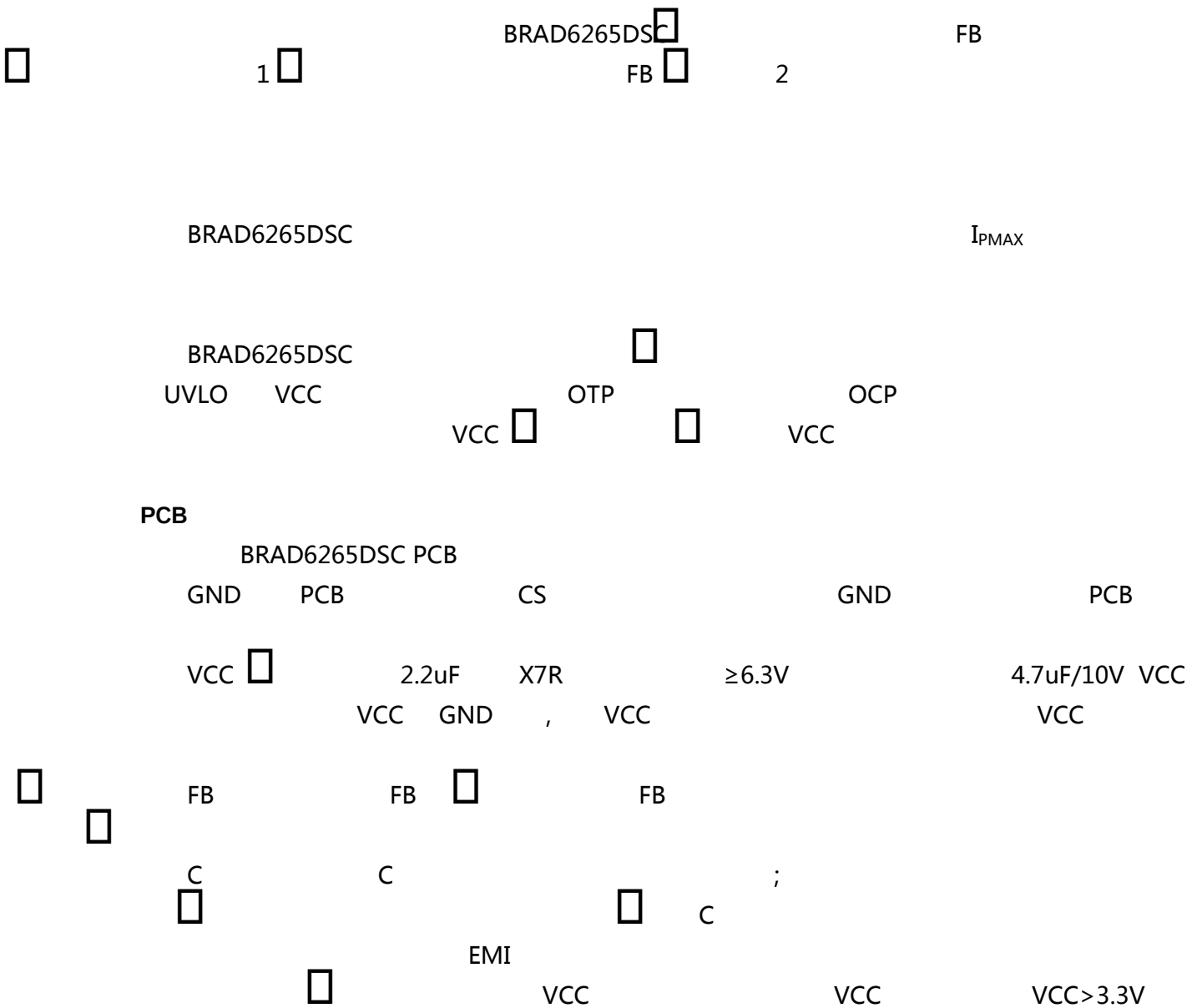
$$V_O = (V_{FB} + (I_{FB} + I_{COMP}) \times R_{FBH}) \times \frac{N_s}{N_{AUX}} - V_D \quad 4$$



$$I_{CC} = \frac{1}{4} \times \frac{N_p}{N_s} \times I_{P_{MAX}} \quad 5$$

BRAD6265DSC

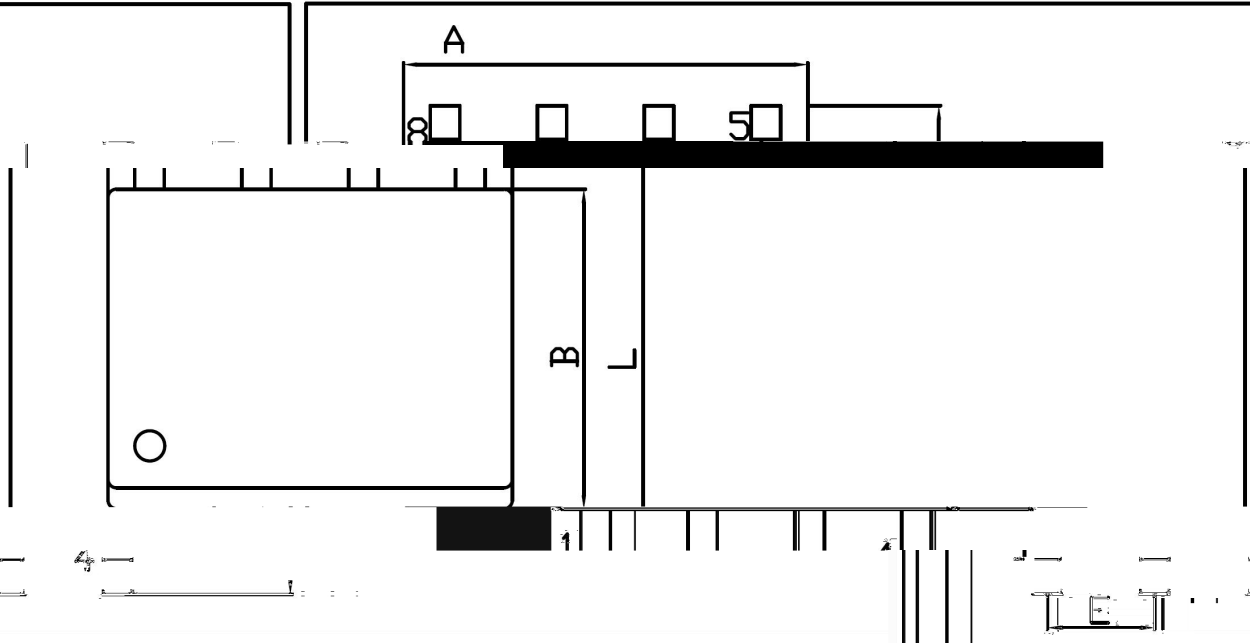
/ Functional Description



/ Package Dimensions

Top View

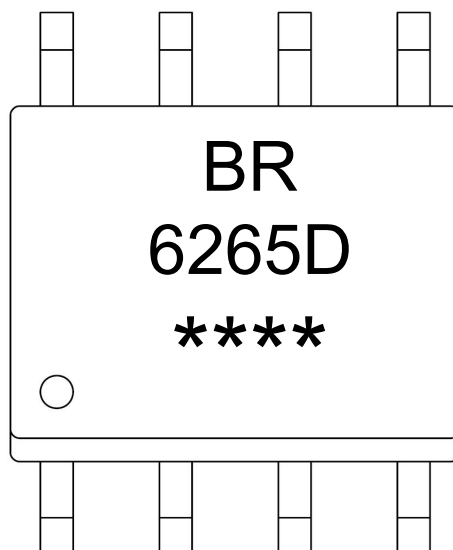
Dimensions



Dimensions In Millimeters		Dimensions In Millimeters	
Symbol	Value	Symbol	Value
E	1.27BSC	P	
K	0.12	b	0.22



/ Marking Instructions



BR

6265D

Note

BR

Company Code

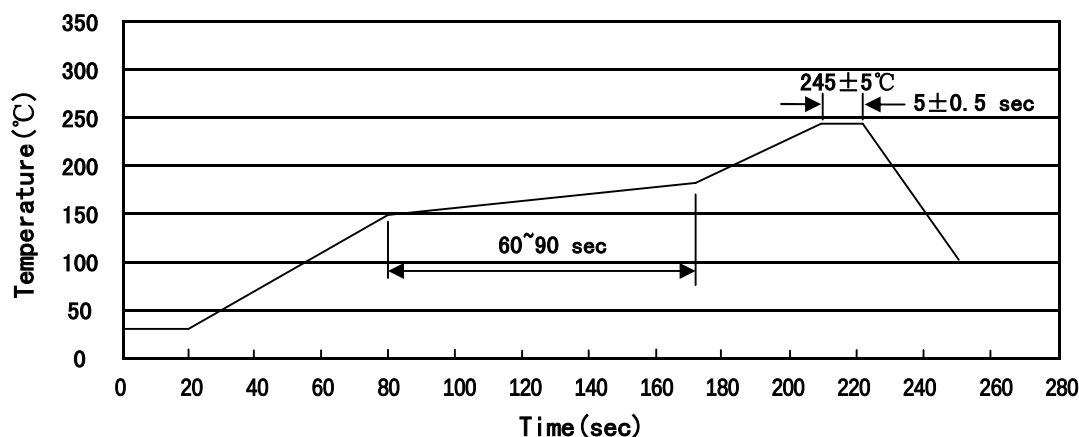
6265D

Product Type

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°C, Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | | | 2 | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec. |

/ Resistance to Soldering Heat Test Conditions

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

/ Packaging SPEC.

/ 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-8	4,000	2	8,000	6	48,000	13" ×12	360×360×50	380×335×366

/ Notices