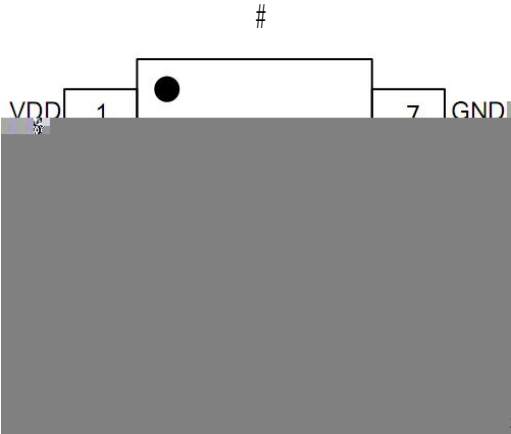
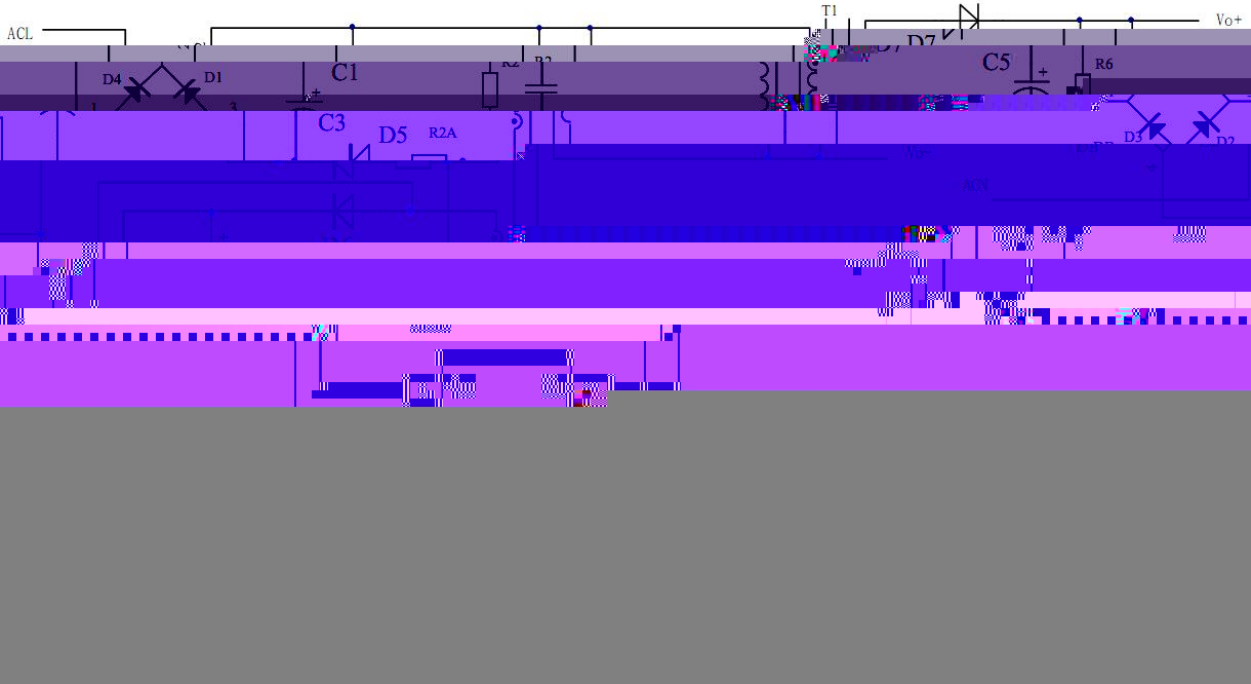


BRAD6315DSA



Pin Number#	Pin Name#	Description#
1 #	VDD#	#
2 -3#	FB #	#
4 #	CS #	#
5-6 #	D #	MOS #

BRAD6315DSA

!"#\$%&'()*+##### DATA SHEET

#

```
,--./001 1 1!2345 6!67 8# # # 4#0#12
```

BRAD6315DSA



!"#\$%&'()*+##### DATA SHEET

#





#

/ Functional Description

BRAD6315DSA

DCM

BRAD6315DSA

2uA

IC

16.3V

BRAD6315DSA

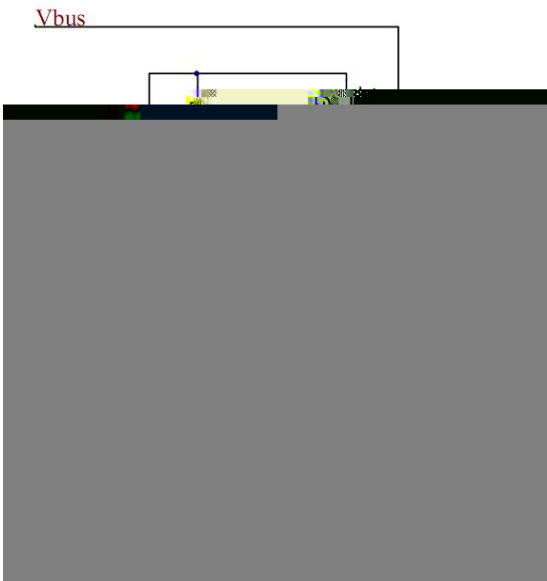
1mA

VDD

VDD

BRAD6315DSA

0.5mA



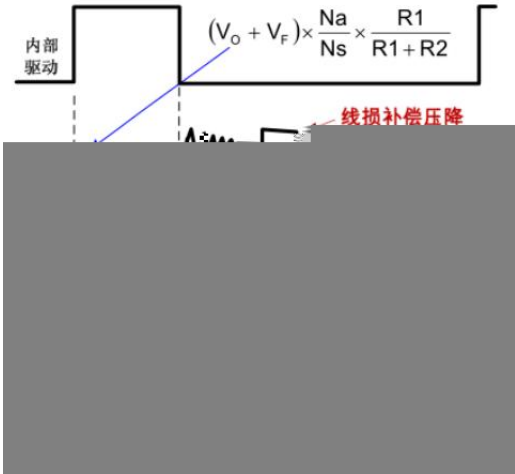
PSR-CVM

. 2

BRAD6315DSA
VF

CV

2V





#

/ Functional Description

BRAD6315DSA FB 2

FB 2 FB

$$V_{FB} = (V_{O} + V_{F}) \times \frac{N_{a}}{N_{s}} \times \frac{R1}{R1 + R2}$$

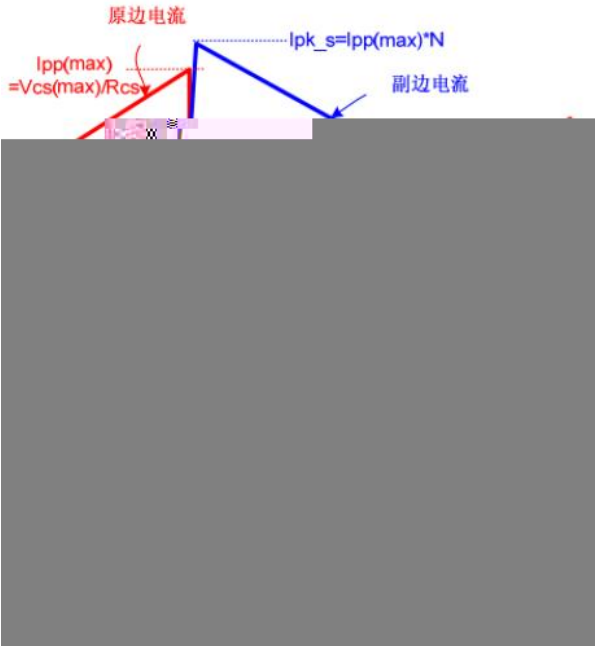
Vo VF R1 R2 FB

Ns Na

FB 2V

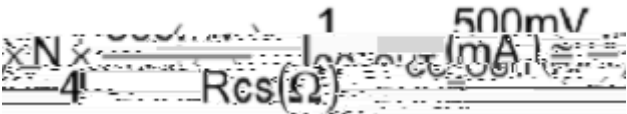
PSR-CCM

FB CS 3



3 Tdem 3 Tsw

VDD Tdem Tsw 1/2 BRAD6315DSA



N----
Rcs--- MOS GND

#



#

/ Functional Description

4 BRAD6315DSA AM
FM

70mW

CDC
,
5 BRAD6315DSA
FB
,
R1 R2 FB

BRAD6315DSA

!"#\$%&'()*+##### DATA SHEET



/ Package Dimensions

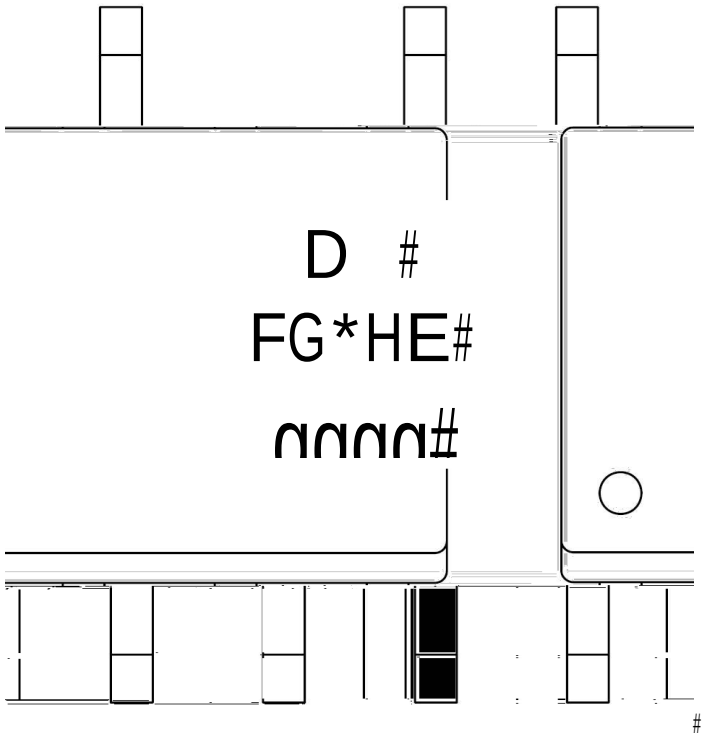




#

/ Marking Instructions

#



#

#

#

BR

6315D

****.

#

^7- #

D # # M78 . :&I#M7J #

FG*HE ## =57J%6-#XI . #

gggg/## # S7-#^7!M7J C67J #6, :&B #10-,#S7-#^7#



!"#\$%&'()*+##### DATA SHEET
#

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

^7- /#
* *H) *\) F) +)3 6h# # # *!=5 , :-&B/*H) i*\)°C#X 8 /F) i+)3 6!#
((QH±H H±)!H3 6h# # (!= :A#X 8 .!/(QH±H°C#E%5:-&7&/H±)!H3 6!#
G (*)°C03 6!# # # # G! M77?&B#; . J/#(i*)°C03 6!#
#

/ Resistance to Soldering Heat Test Conditions

(F)±H°C# # *)±*#3 6!# # # X 8 .!/(F)PH°C# # X 8 /*)P*#3 6#
#

/ Packaging SPEC.

0# # WWS#

=:6A:B #X1 . #	Y&-30 ?# ?30&& 5#D7	Y&-3# #	E 8 &3 7&#	K%&- 8 8 gL#
#	# Y&-30 ?# ?30&& 5#D7			