



**BRAD6315DSA**











## / Functional Description

BRAD6315DSA

DCM

BRAD6315DSA

2uA

IC

16.3V

BRAD6315DSA

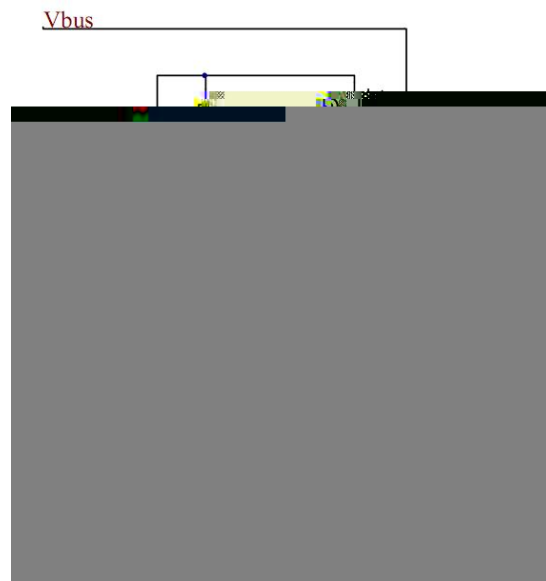
1mA

VDD

VDD

BRAD6315DSA

0.5mA



PSR-CVM

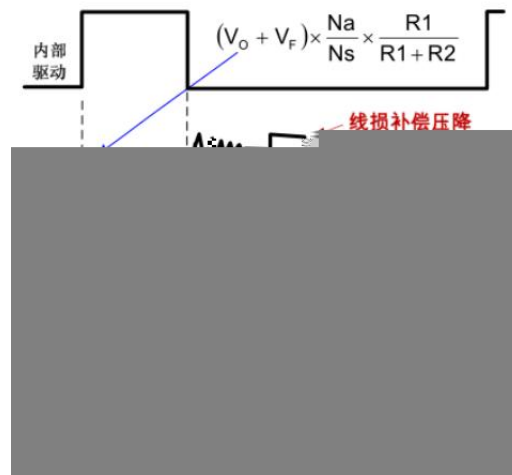
2

BRAD6315DSA

CV

VF

2V





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**/ Functional Description**

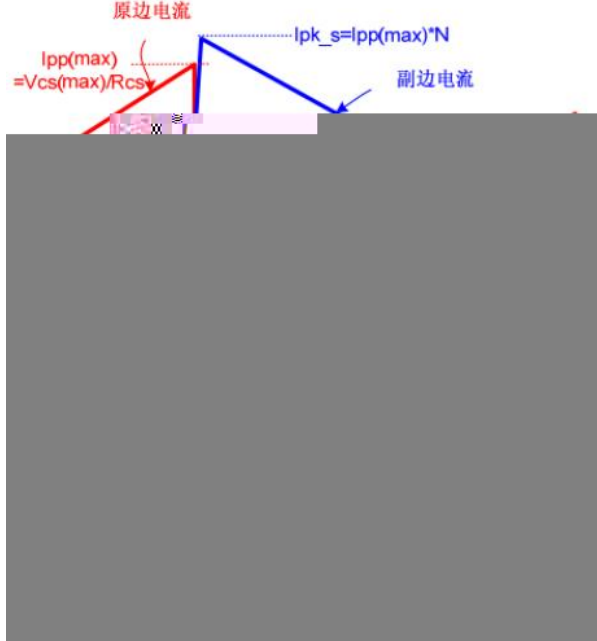
BRAD6315DSA FB 2  
 FB 2 FB

$$V_{FB} = (V_o + V_f) \times \frac{N_s}{N_p} \times \frac{R1}{R1+R2}$$

Vo VF R1 R2 FB  
 Ns Na  
 FB 2V

**PSR-CCM**

FB CS 3



3 Tdem 3 Tsw

VDD BRAD6315DSA  
 Tdem Tsw 1/2

$$I_{pp(max)} = \frac{V_{cs(max)}}{R_{cs}} \times N$$

N----  
 Rcs--- MOS GND

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