





BRAD6265SC
BRAD6265SC

PWM

CC/CV

90V~264V

BRAD6265SC

UVLO

OTP

OCP

FB



inN5

o FB

431

CC/CV

FB



三绕组应用电路

	90~264V
BRAD6265ASC	12W
BRAD6265BSC	10W
BRAD6265CSC	7W
BRAD6265DSC	5W
BRAD6265ESC□	



2345

BCDEF

FB/VCC	V_{FB}/V_{VCC}		
CS	V_{CS}		
	T_J		°C
10s			°C
			°C
			°C
HBM			

)GHDEF

6778)9:						
VCC						
7;) <=> 9:						
OCP						
?@=>9:A						
	V_{FB_REF}					

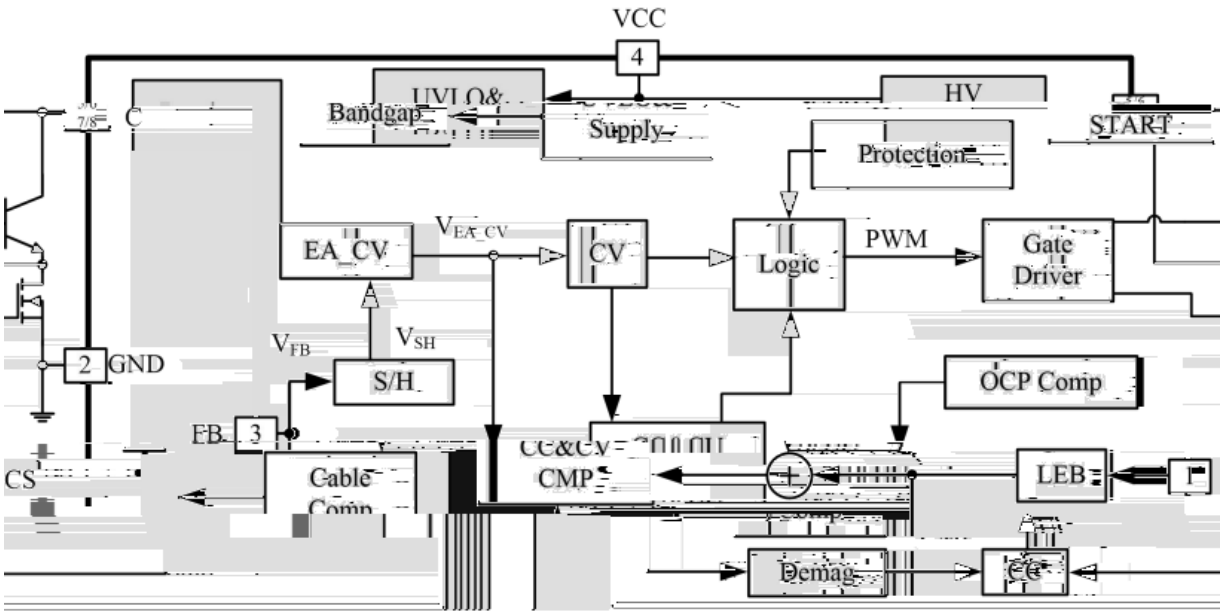


) GHDE

F

I J K L						
		OTP _{TH}				°C
		OTP _{REC}				°C
M N @OP 9 :						
-						

VWXY



MH " #

BRAD6265SC

PWM

BRAD6265SC

CC/CV

90V~264V

TL431

Q < R Q S T U A

BRAD6265SC

CC

CV

FB



MH "#

FB

BRAD6265SC CC/CV

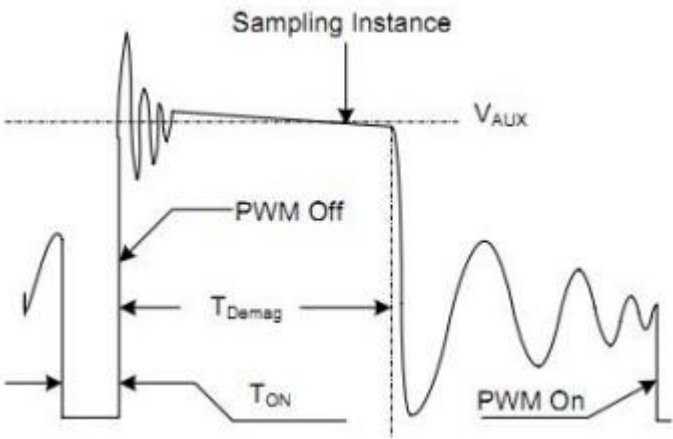
DCM

I_p

$$V_{OUT} = \frac{V_{IN}}{1 + \frac{R_{SC}}{R_{FB}}} \times \frac{1}{1 + \frac{R_{SC}}{R_{FB}}}$$

$$V_{OUT} = \frac{V_{IN}}{1 + \frac{R_{SC}}{R_{FB}}} \times \left(\frac{1}{1 + \frac{R_{SC}}{R_{FB}}} + \Delta \right)$$

Δ



1

FB

GND

Z [) S \] AA

BRAD6265SC

V_O

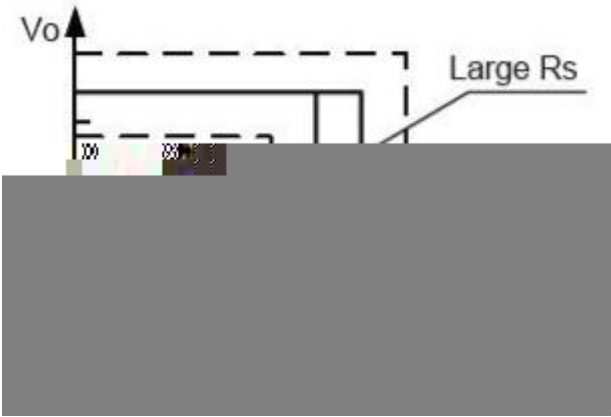
$$V_{OUT} = \frac{V_{IN}}{1 + \frac{R_{SC}}{R_{FB}}} \times \left(\frac{1}{1 + \frac{R_{SC}}{R_{FB}}} + \Delta \right) \times \frac{1}{1 + \frac{R_{SC}}{R_{FB}}} \quad 3$$



MH " #

$$= - \frac{\times \left(\quad + \quad \right) \times \quad}{\quad} \quad 4$$

R_{FBL} FB R_{FBH} FB N_P N_S N_{AVX}
 V_D
77 TU ^ _ Z [MN ` aA
BRAD6265SC CS RS CC RS
CC 2



2 RS CC VO
CC

$$= - \times \frac{\quad}{\quad} \times \quad 5$$

b c d NA
BRAD6265SC

$$= - \frac{\quad^2}{\quad} \quad 6$$

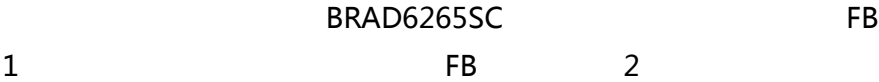
L_P I_P
CC

$$= \frac{\quad}{DEM} \quad 7$$

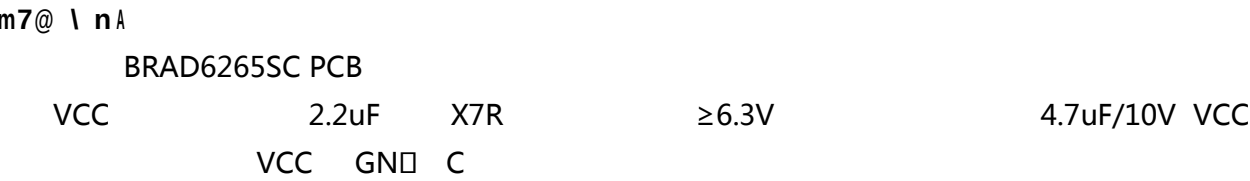
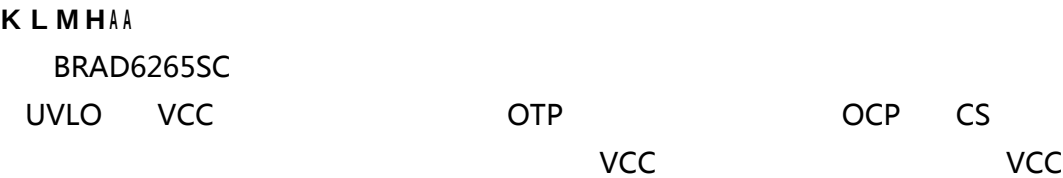
BRAD6265SC $L_P F_{SW}$ CC



e f g hAA



$$\frac{\Delta}{V_{OUT}} = \frac{1}{R_{FBH}} \times \dots \times 8$$





) DEoeY

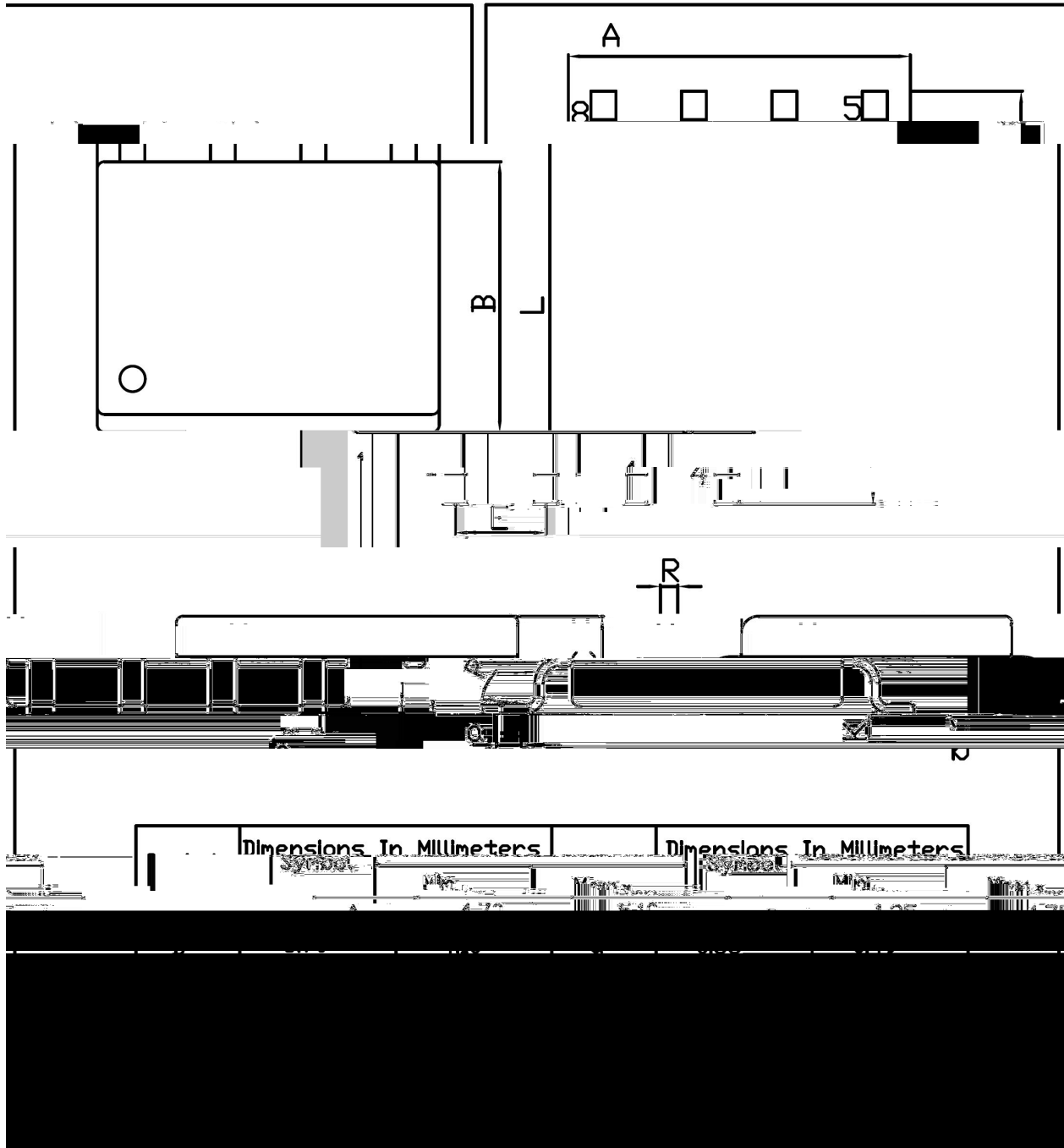




p q r s Y

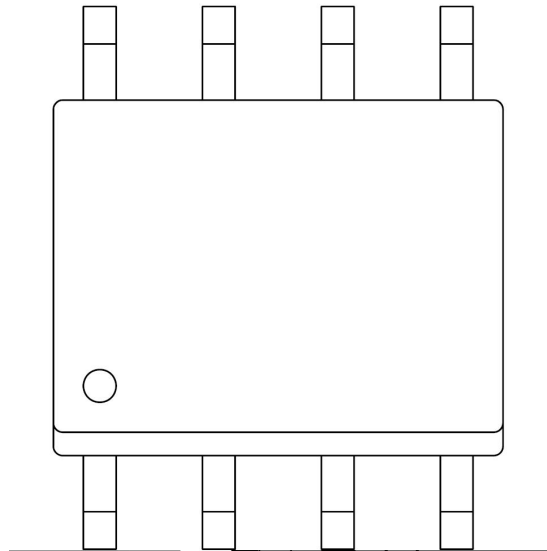
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UNCLASSIFIED

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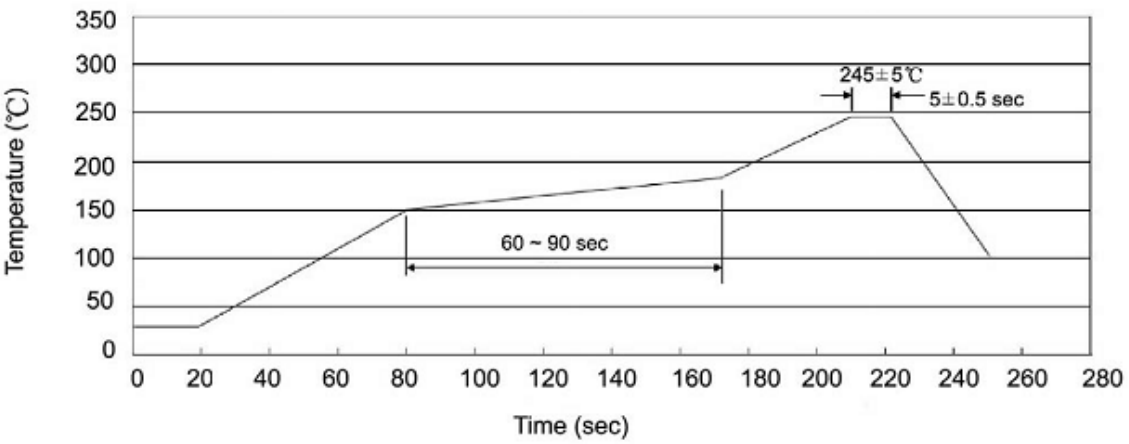


2 3 t u





$v < w J x o e Y y z$
 $P\{ | \} \{ \sim i \phi \mathcal{E} \sim \{ A m \sim \alpha \mathbb{Y} ! \mathbb{S} \{ A \mathbb{Y} \alpha \sim A'' \odot A \odot \{ \mathbb{Y} \mathbb{S} \alpha^a A ; \alpha \mathbb{S} \ll \{ \sim ! \rightarrow \textcircled{m}^\circ \pm ? \sim \{ \{^2$



$\pm$
 $\pm$
 $\pm$
 $\pm$

$^3 w' \mu \Pi \cdot , ^1$

$\pm$
 $\pm$
 $^\circ\text{C}$

$^\circ \gg \frac{1}{4} \frac{1}{2}$