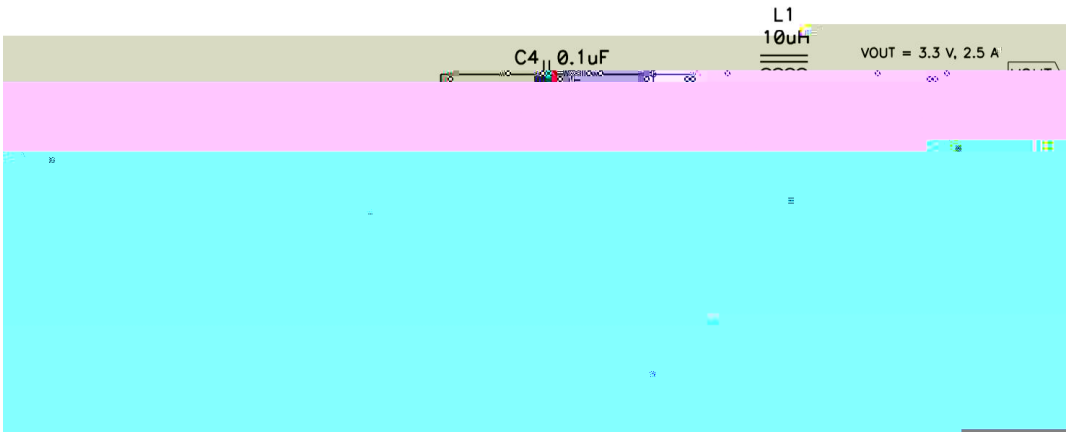
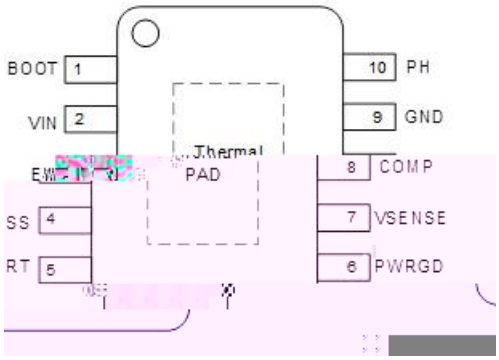
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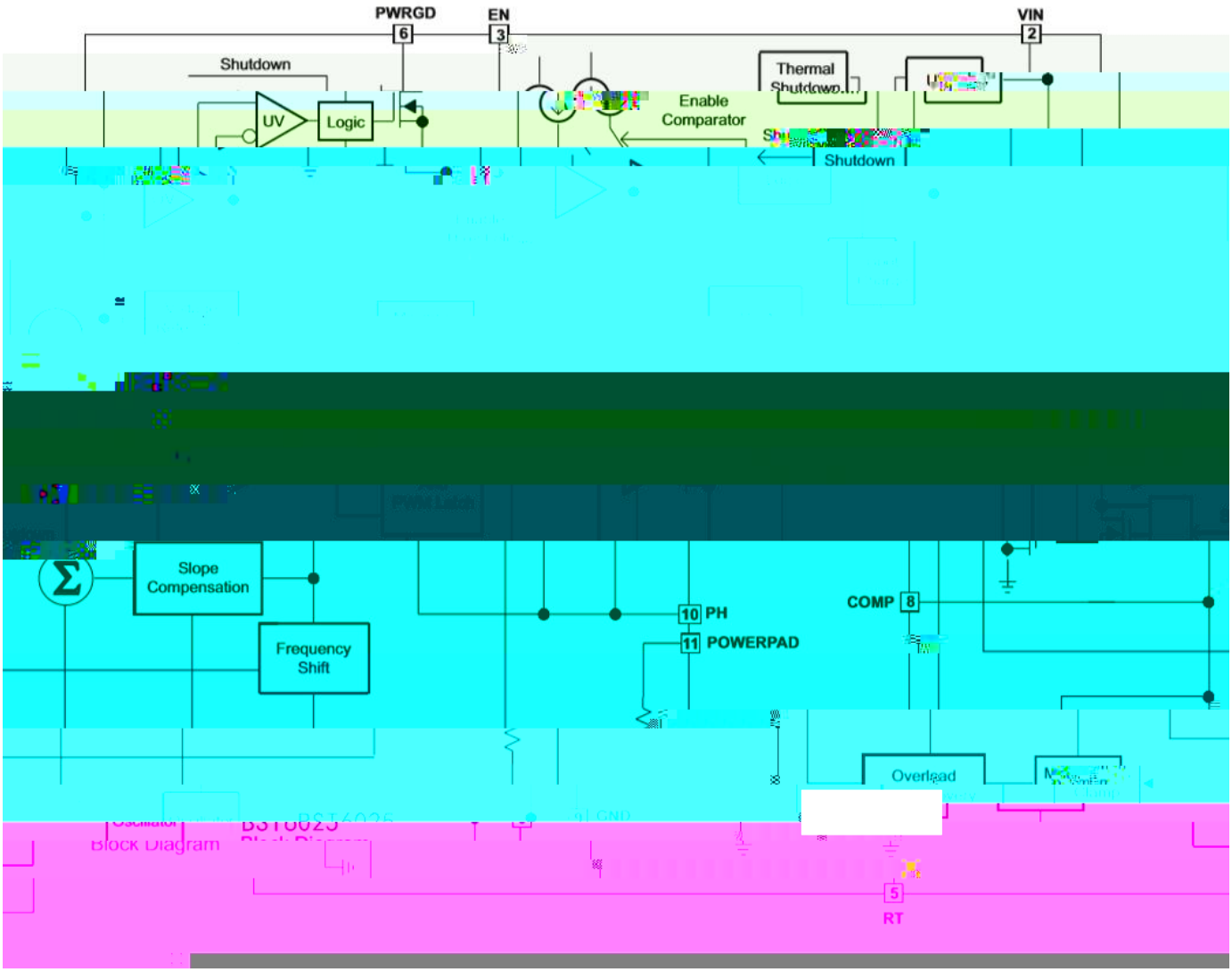
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Block Diagram

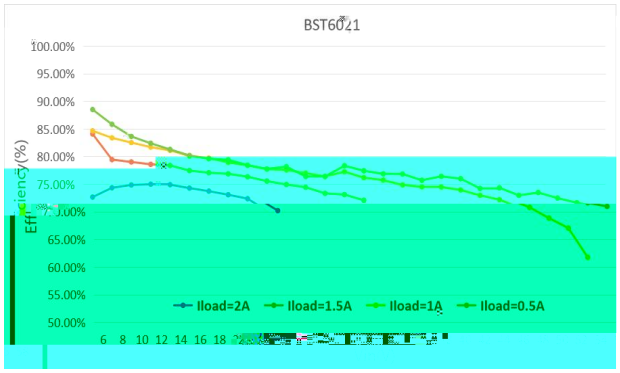
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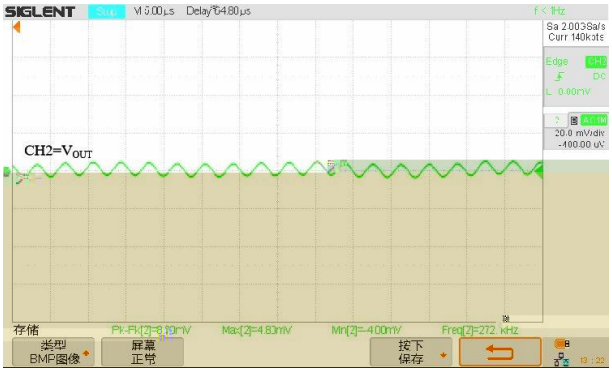
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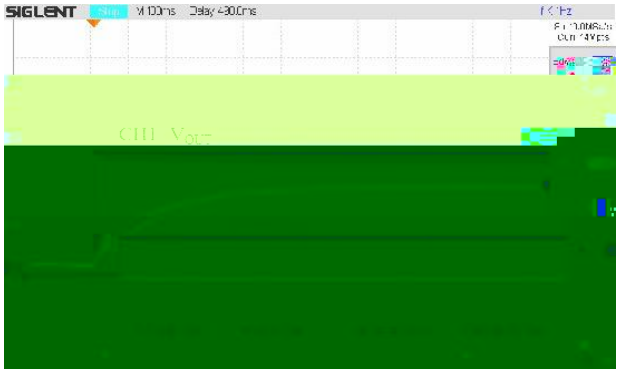
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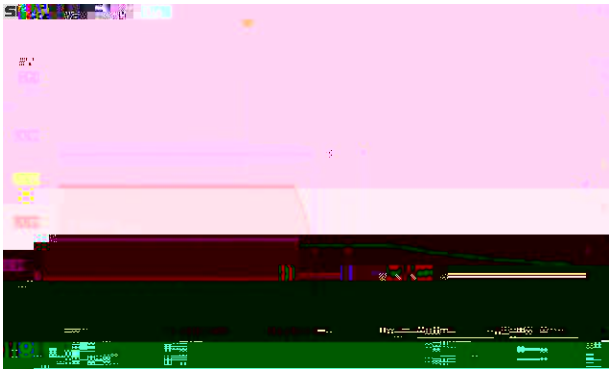
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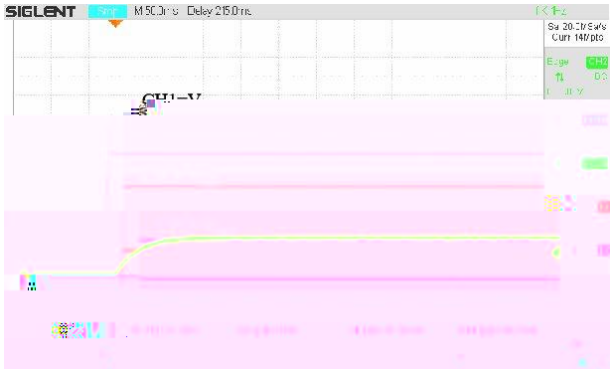
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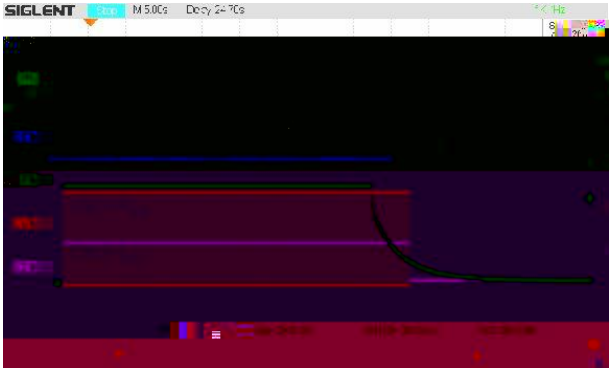
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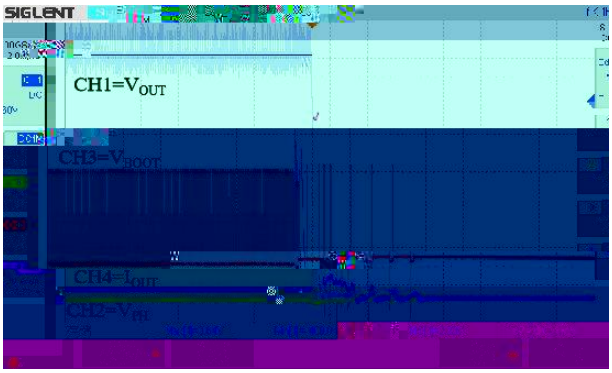


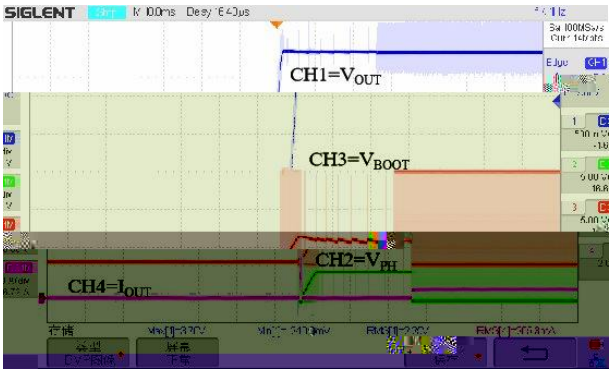
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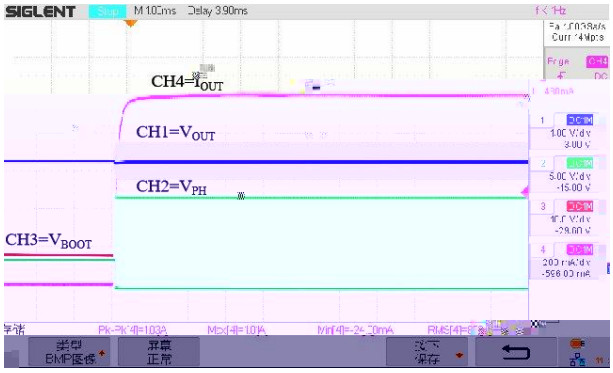


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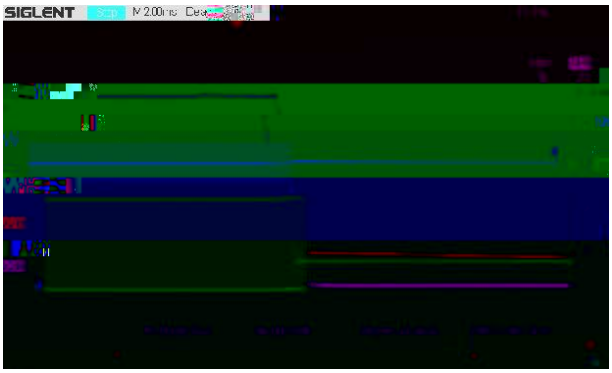

SIGLENT
CH1=VOUT
CH3=VBOOT
CH4=IOUT
CH2=VPH

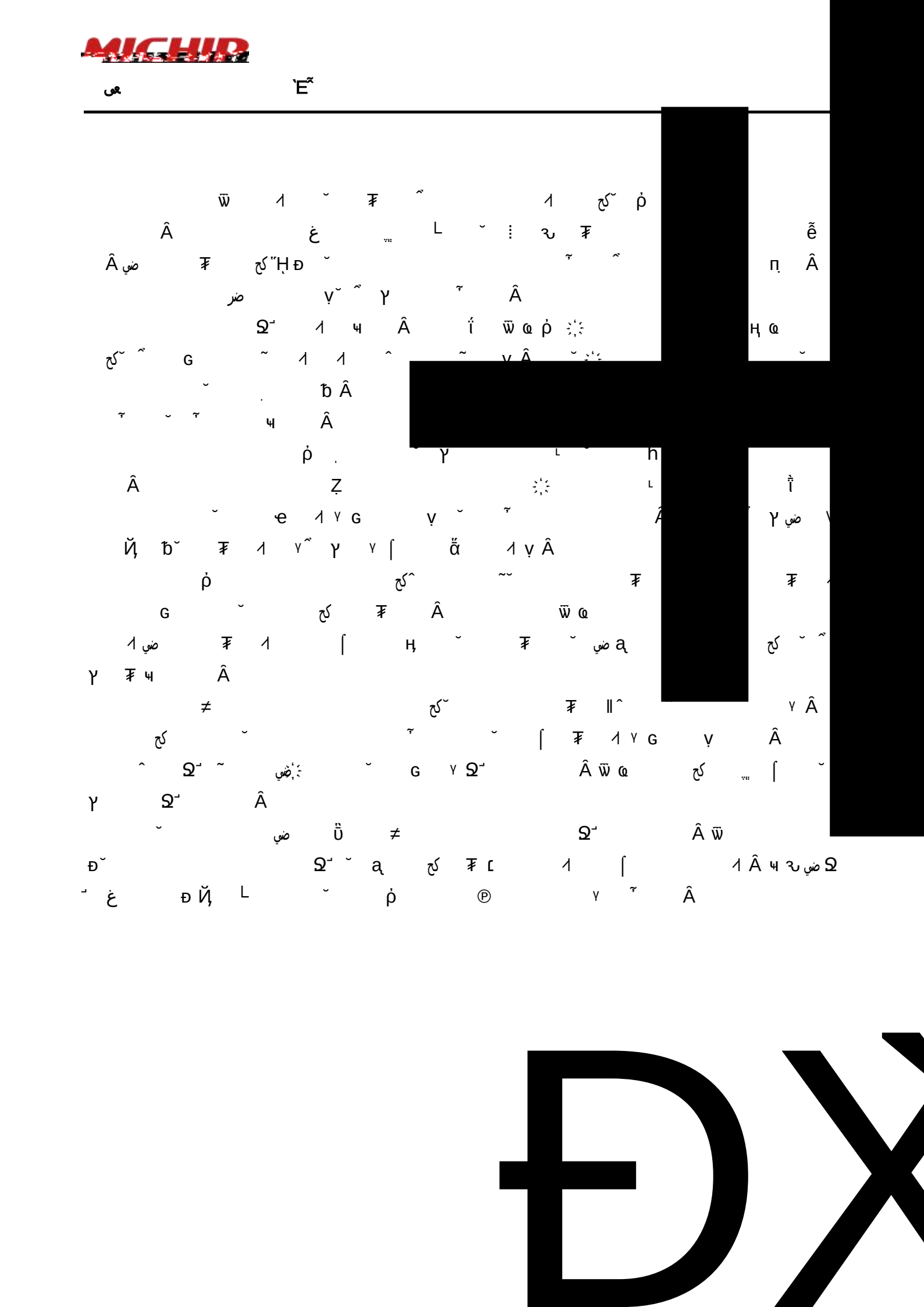

SIGLENT
CH1=VOUT
CH3=VBOOT
CH2=VPH
CH4=IOUT

3


SIGLENT
CH4=IOUT
CH1=VOUT
CH2=VPH
CH3=VBOOT

3


SIGLENT

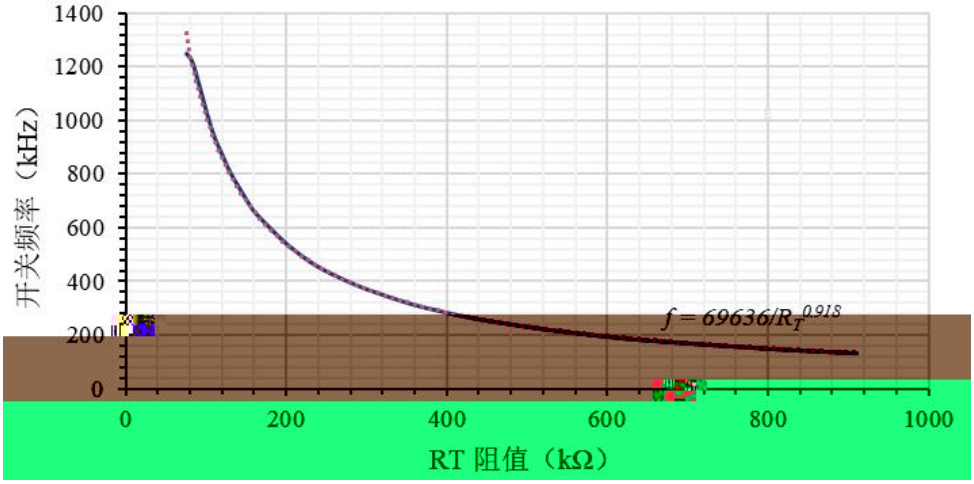


$$V_{OUT} = 0.8V \frac{R_5 + R_6}{R_6}$$

$$I_{CIN_RMS} = I_{OUT} * \sqrt{D(1-D)}$$

$$L = \frac{V_{OUT}(1 - V_{OUT}/V_{IN_MAX})}{F_{PH} \times I_{OUT,MAX} \times 40\%}$$

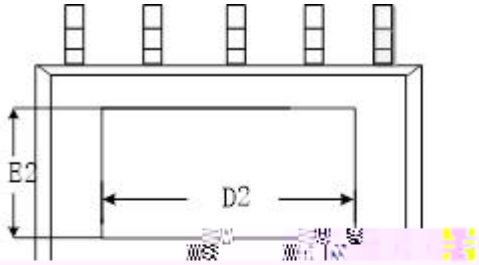
$$I_{SAT_MIN} > I_{OUT_MAX} + \frac{V_{OUT}(1-V_{OUT}/V_{IN_MAX})}{2 \times F_{PH} \times L}$$



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SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.10
A1	0.05	—	0. 15

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