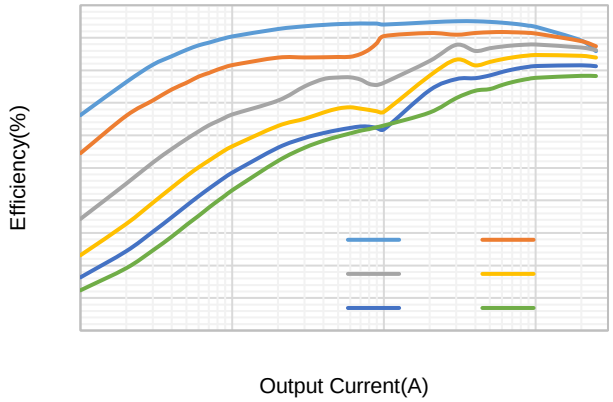
d

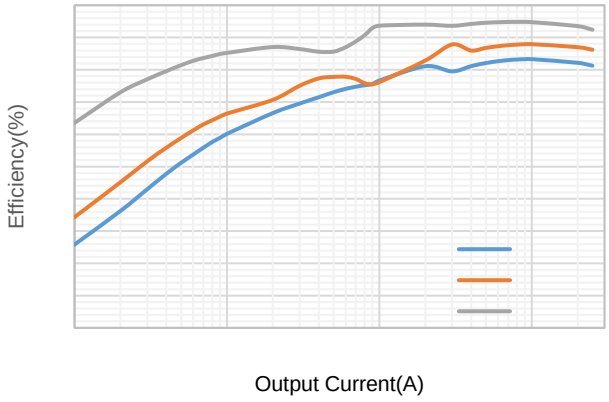
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

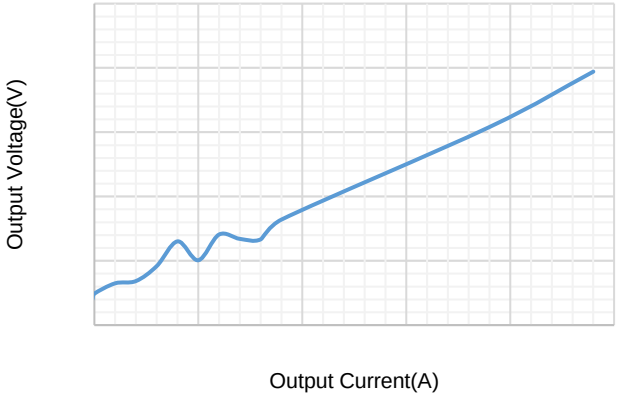
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

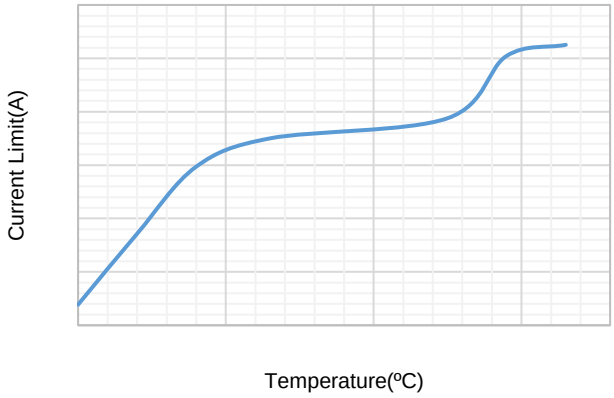
		POWER GOOD (% of FB voltage)		
		POWER BAD (% of FB voltage)		
		POWER BAD (% of FB voltage)		
		POWER GOOD (% of FB voltage)		

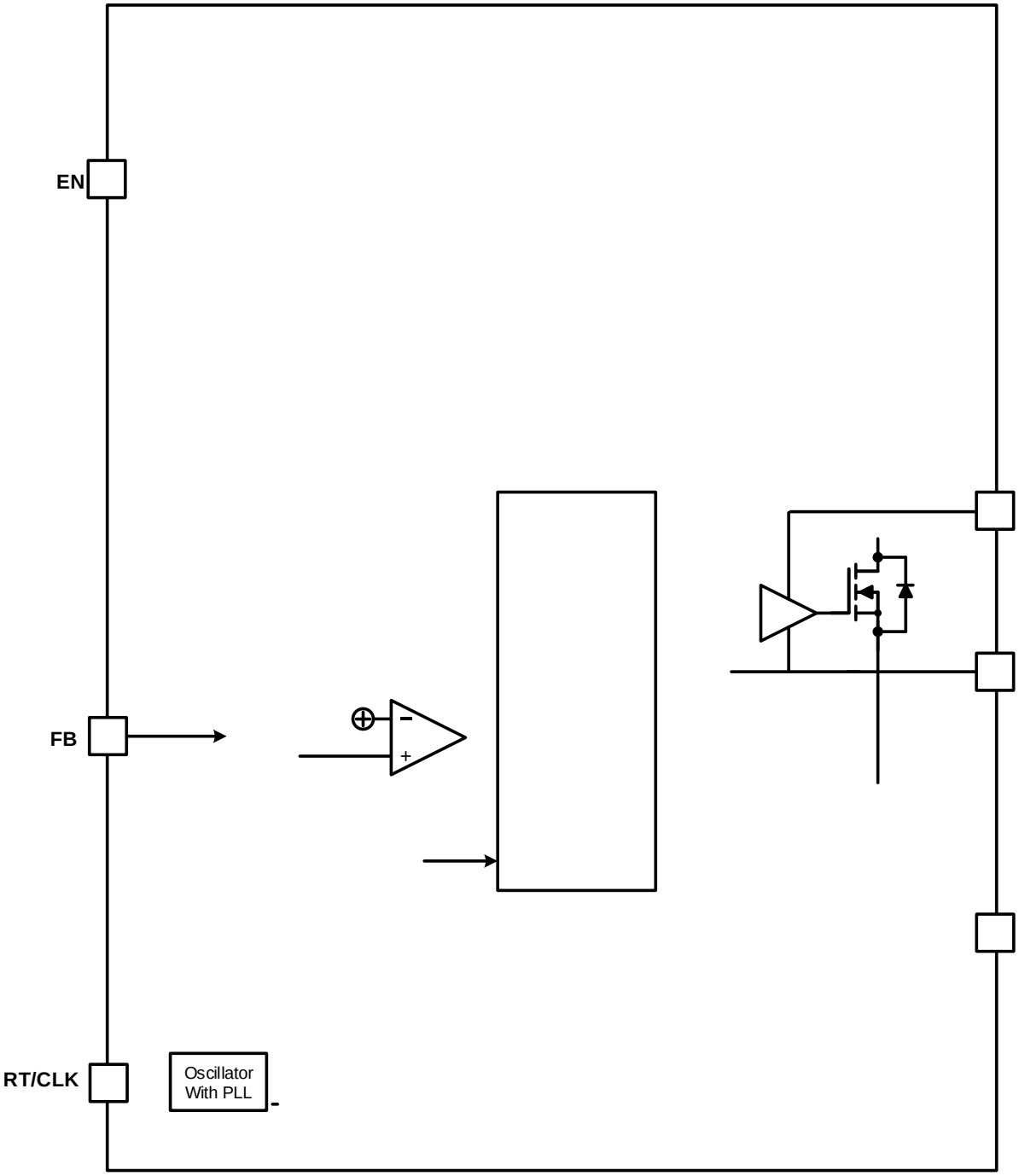
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved


Efficiency(%)
Output Current(A)


Efficiency(%)
Output Current(A)


Output Voltage(V)
Output Current(A)


Current Limit(A)
Temperature(ºC)

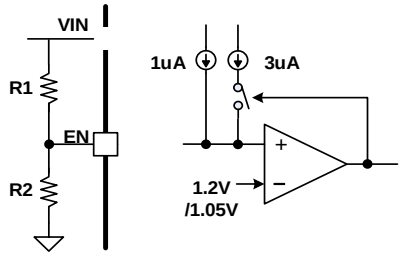


 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

Overview

Peak Current Mode Control

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

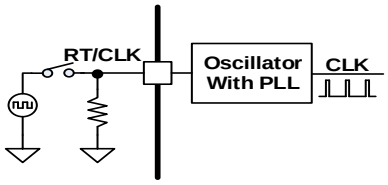


-
-

Output Voltage

±

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved



Bootstrap Voltage Regulator and Low Drop-out Operation

VLGH GLRGH

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

•

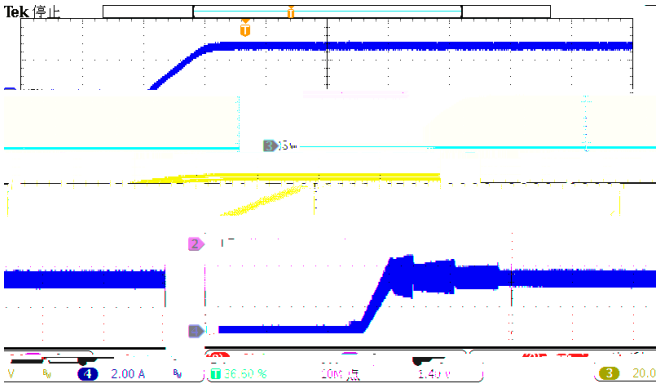
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

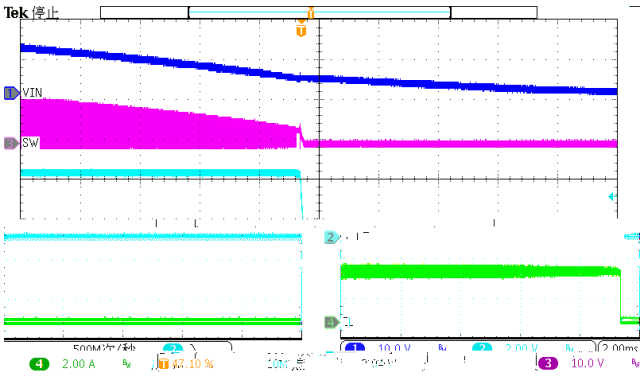
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

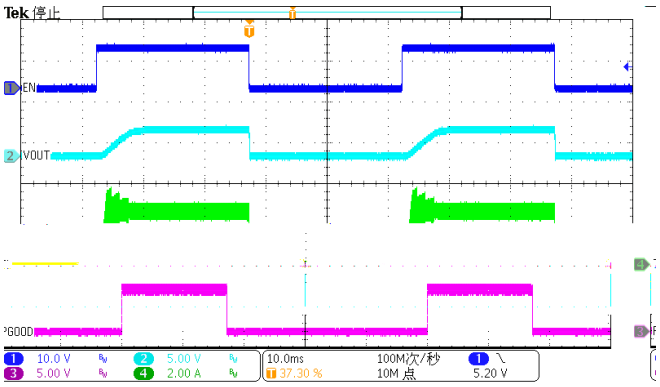
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

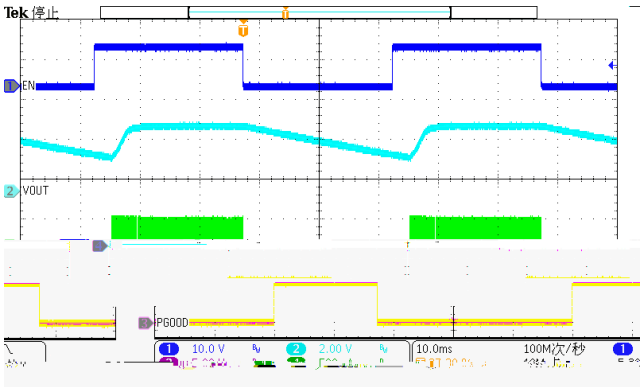
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

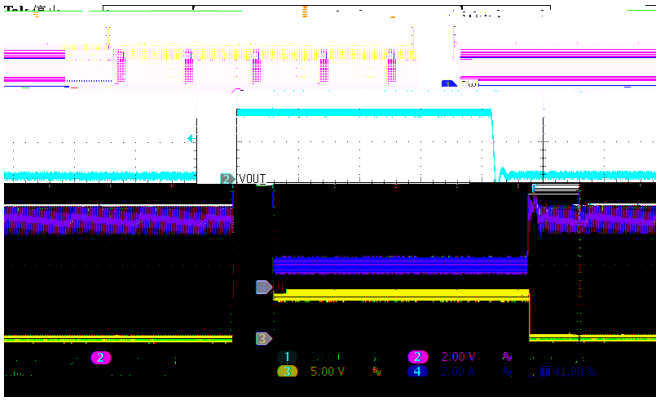
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

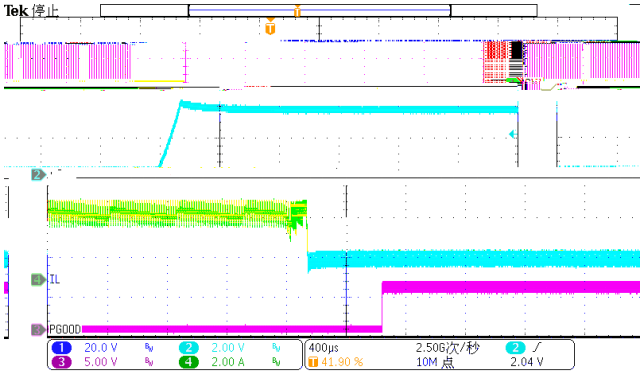




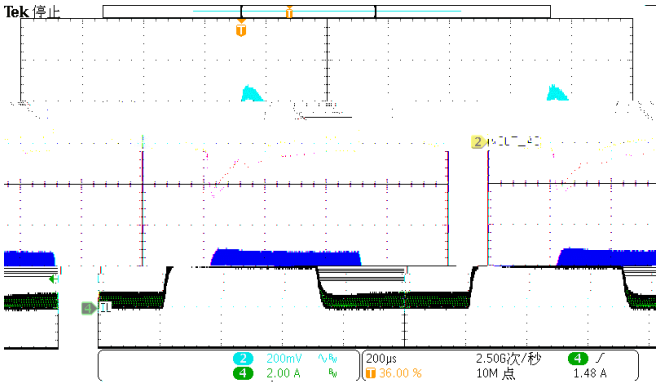


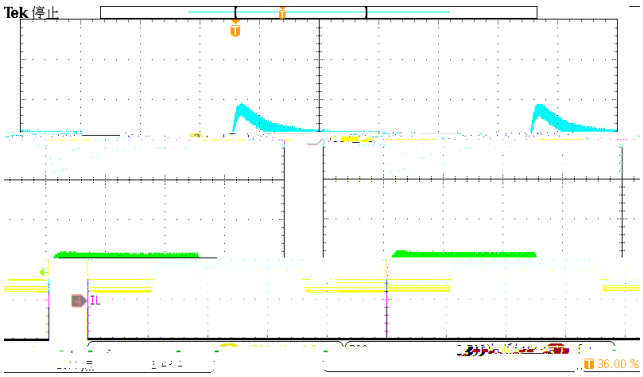


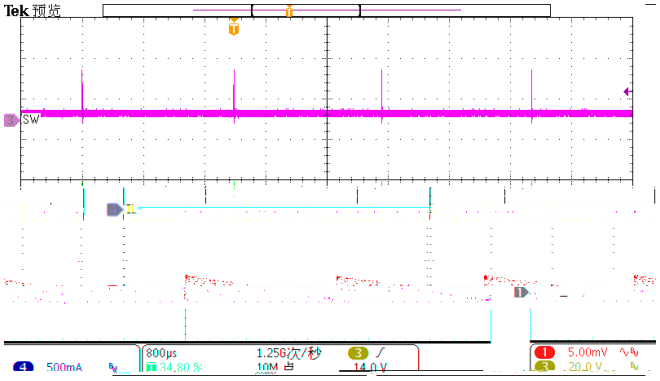


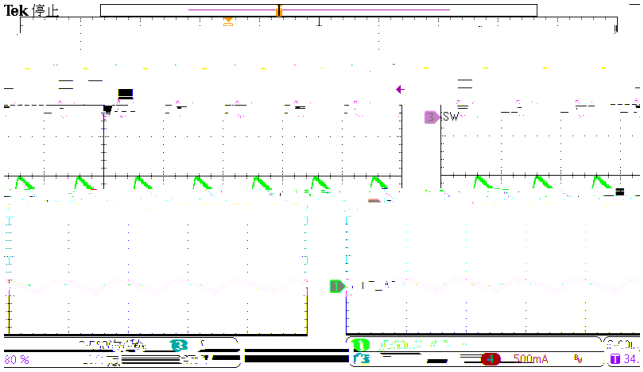


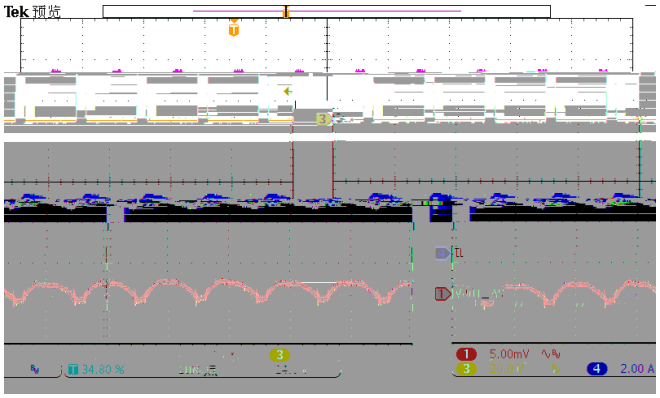
 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

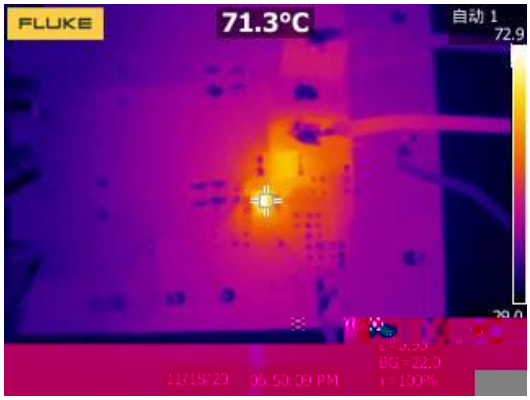






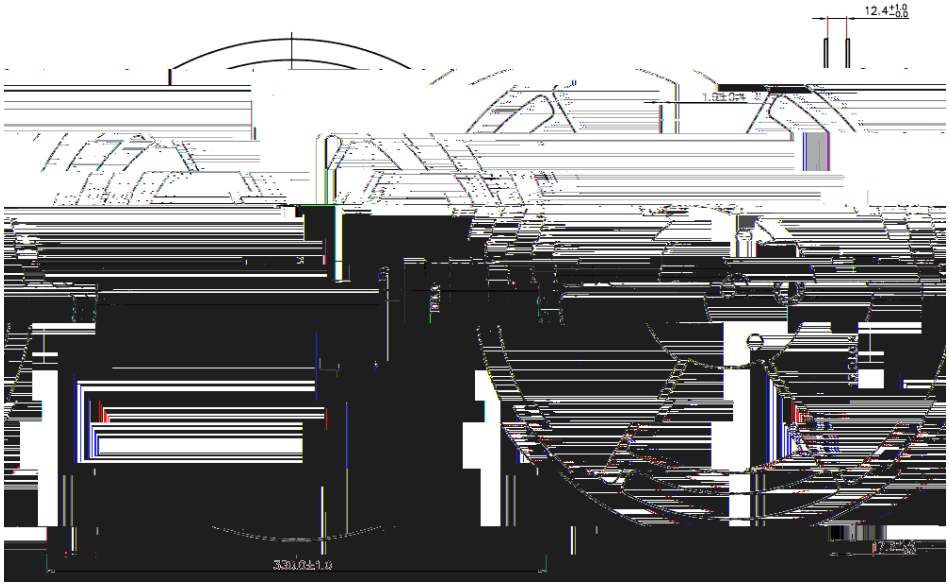






 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved

 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved



 © 2020 Silicon Content Technology Co., Ltd. All Rights Reserved