

## Programming a GPCE2/GPCE4 OTP

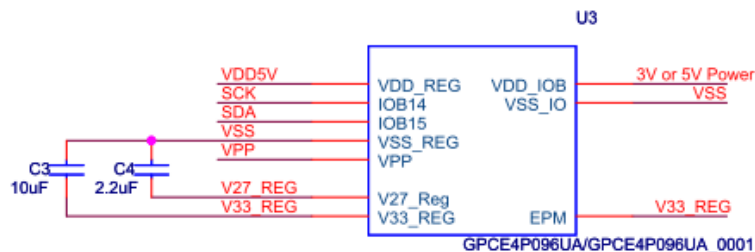
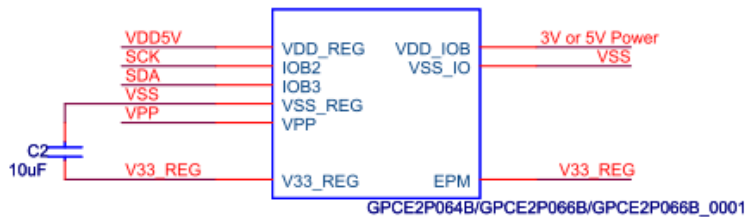
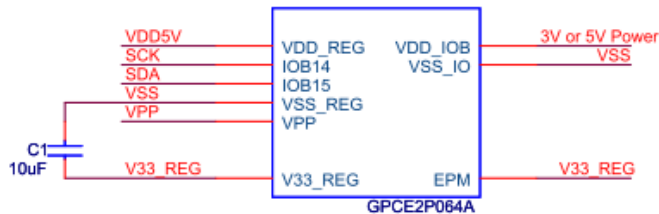
### INTRODUCTION

This application note introduces how to program a GPCE2/GPCE4 OTP using G+USB ALL WRITER or G+Power Writer. The applicable product lines are: GPCE2P064A, GPCE2P064B, GPCE2P066B, GPCE2P066B\_0001, GPCE4P096UA, and GPCE4P096UA\_0001.

### DESCRIPTION

The GPCE2/GPCE4 OTP can be programmed via G+USB ALL WRITER. Please refer to the following circuits to connect a GPCE OTP with G+USB ALL WRITER, where J1 is the G+USB ALL WRITER interface. In addition, the following instructions must be followed.

1. To perform OTP programming, GPCE2/GPCE4 OTP's EPM must connect to V33\_REG, not 5V.
2. A 3V or 5V power must connect to VDD\_IOB on GPCE2/GPCE4 OTP.
3. An additional external 10uF capacitor must connect to the V33\_REG on GPCE2/GPCE4 OTP.
4. An additional external 2.2uF capacitor must connect to the V27\_REG on GPCE4 OTP.



-This concludes the application note -