

1. Overview

1.1 Block Diagram

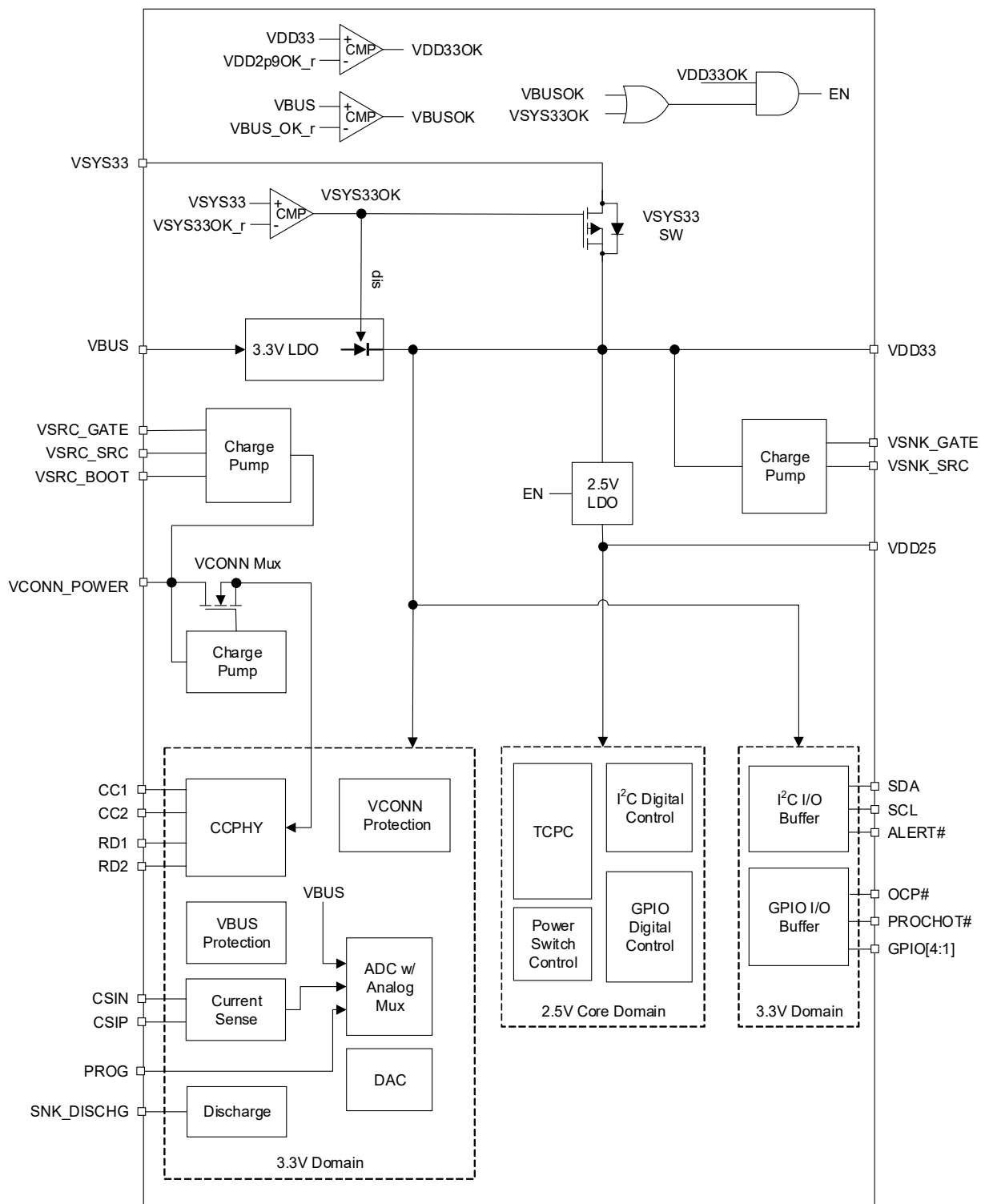


Figure 1. Block Diagram

1.2 Typical Application

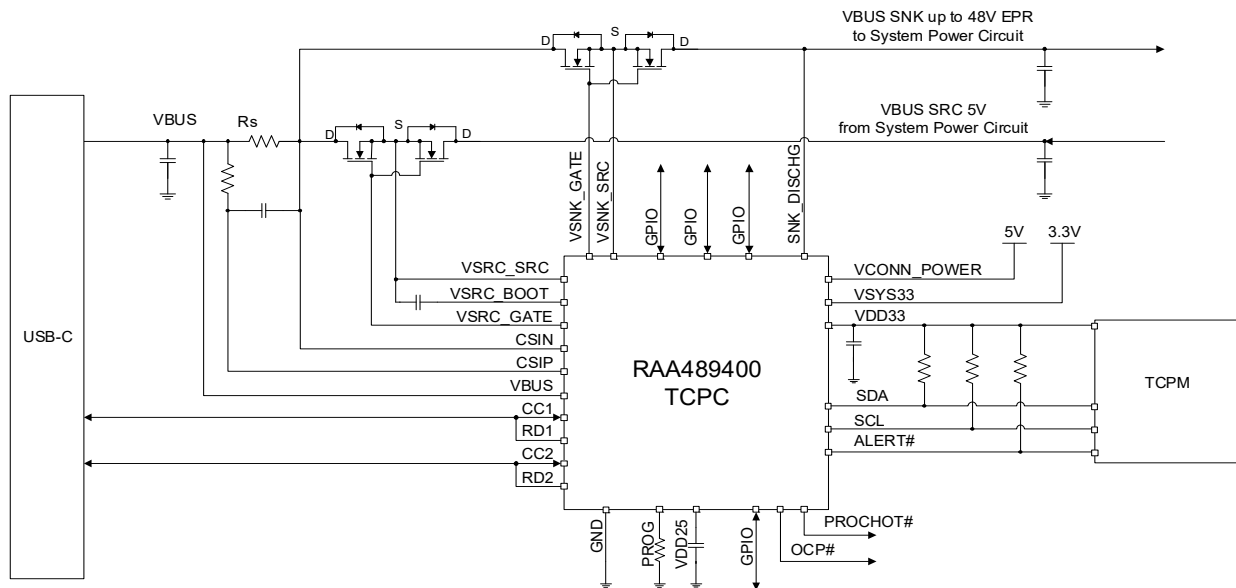


Figure 2. Typical USB-C Application Based on TCP C and TCP M for DRP (Dual Role Power) System, Supports VBUS SNK: Up to 48V and SRC: Up to 5V

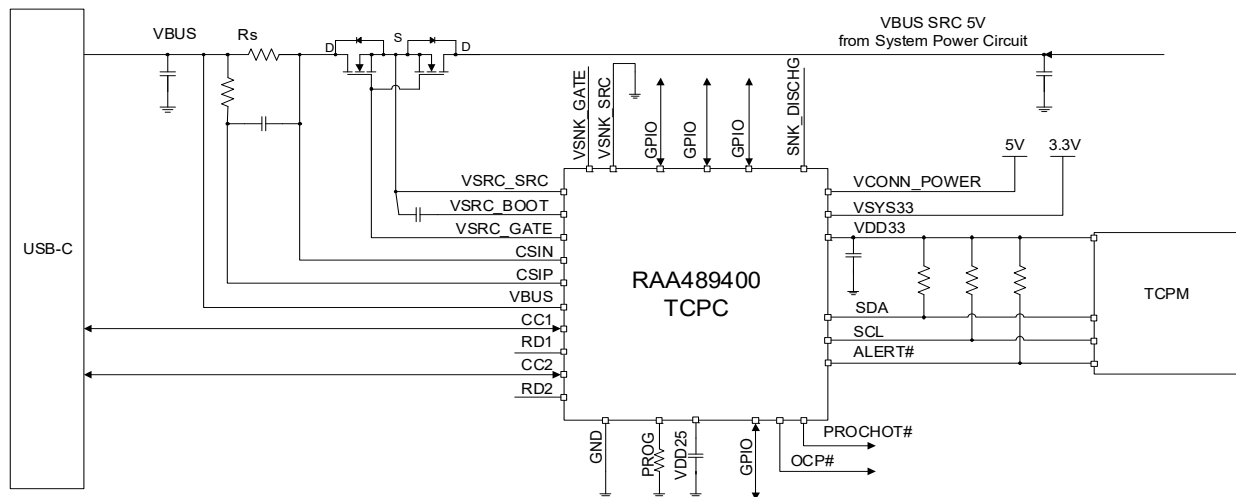


Figure 3. Typical USB-C Application Based on TCP C and TCP M for Source Only System, Supports VBUS SRC: Up to 5V

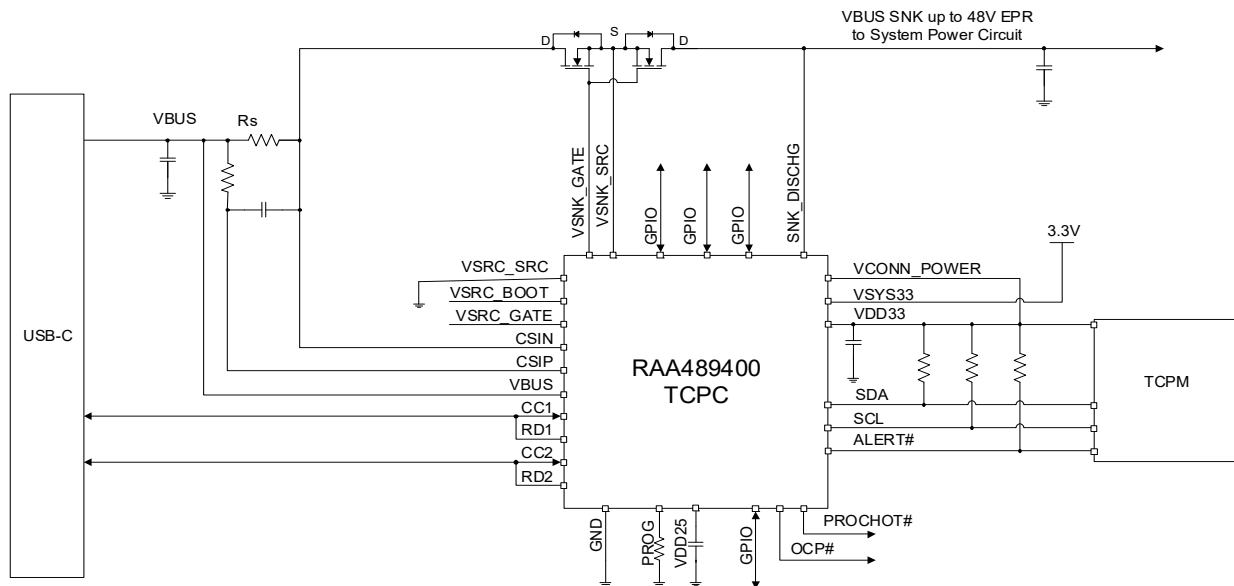


Figure 4. Typical USB-C Application Based on TCPC and TPCM for Sink Only System, Supports VBUS SNK: Up to 48V

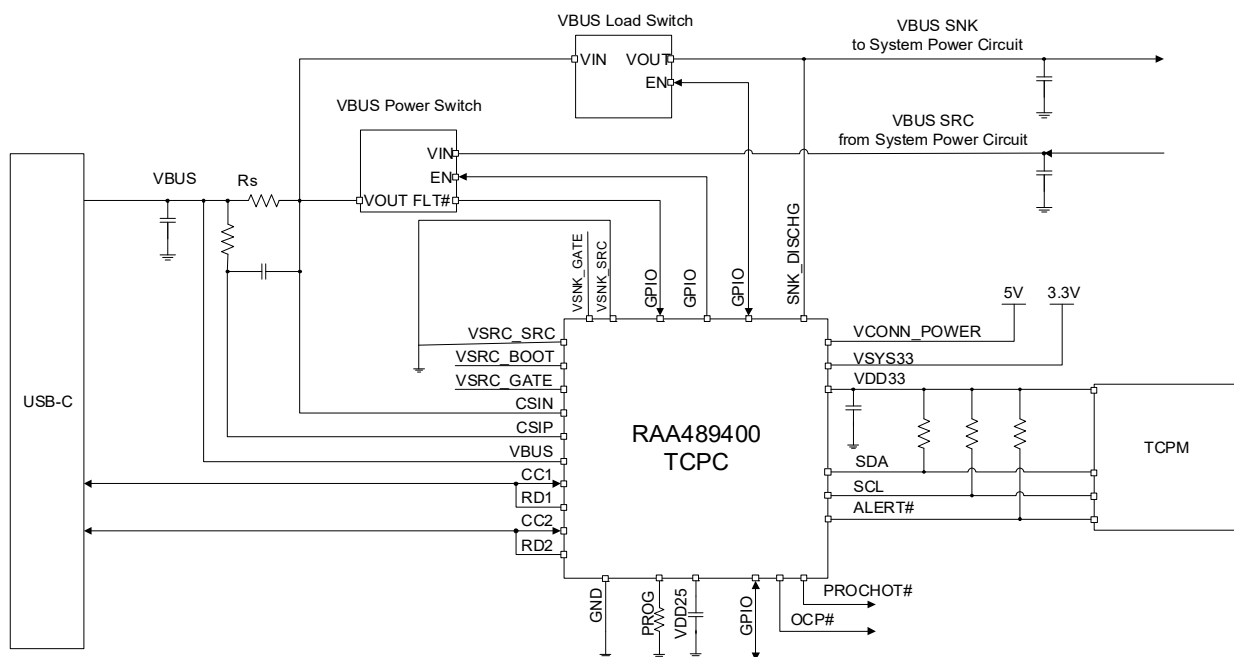


Figure 5. Typical USB-C Application Based on TCPC and TPCM for DRP System with GPIO Control

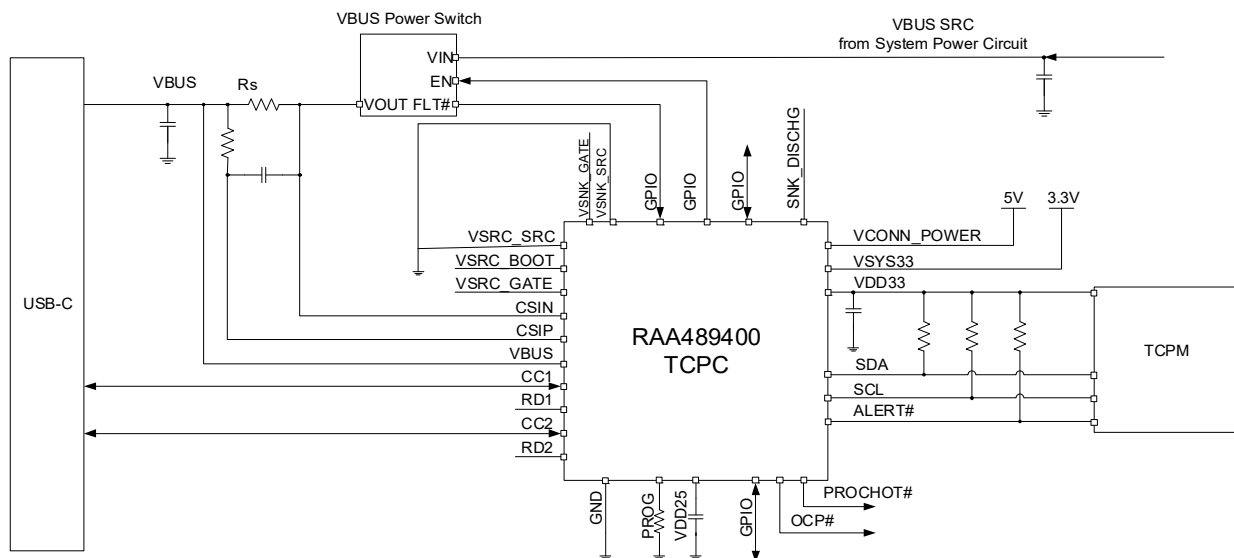


Figure 6. Typical USB-C Application based on TCPIC and TCPM for Source Only System with GPIO Control

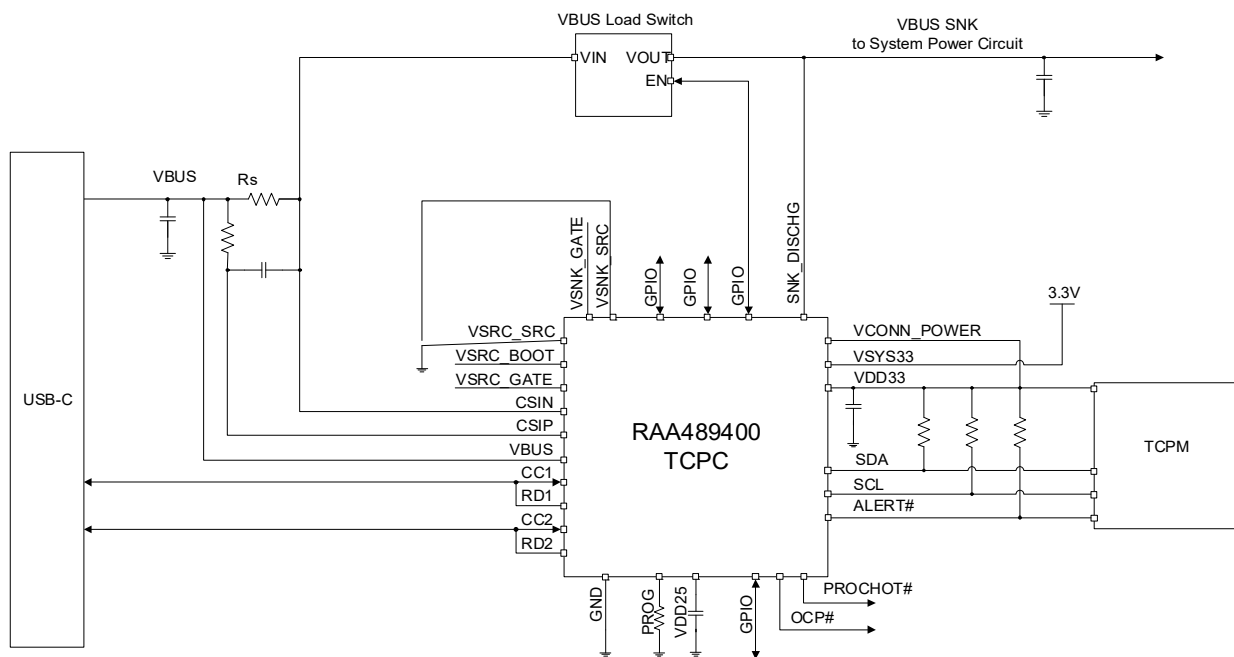


Figure 7. Typical USB-C Application Based on TCPIC and TCPM for Sink Only System with GPIO Control

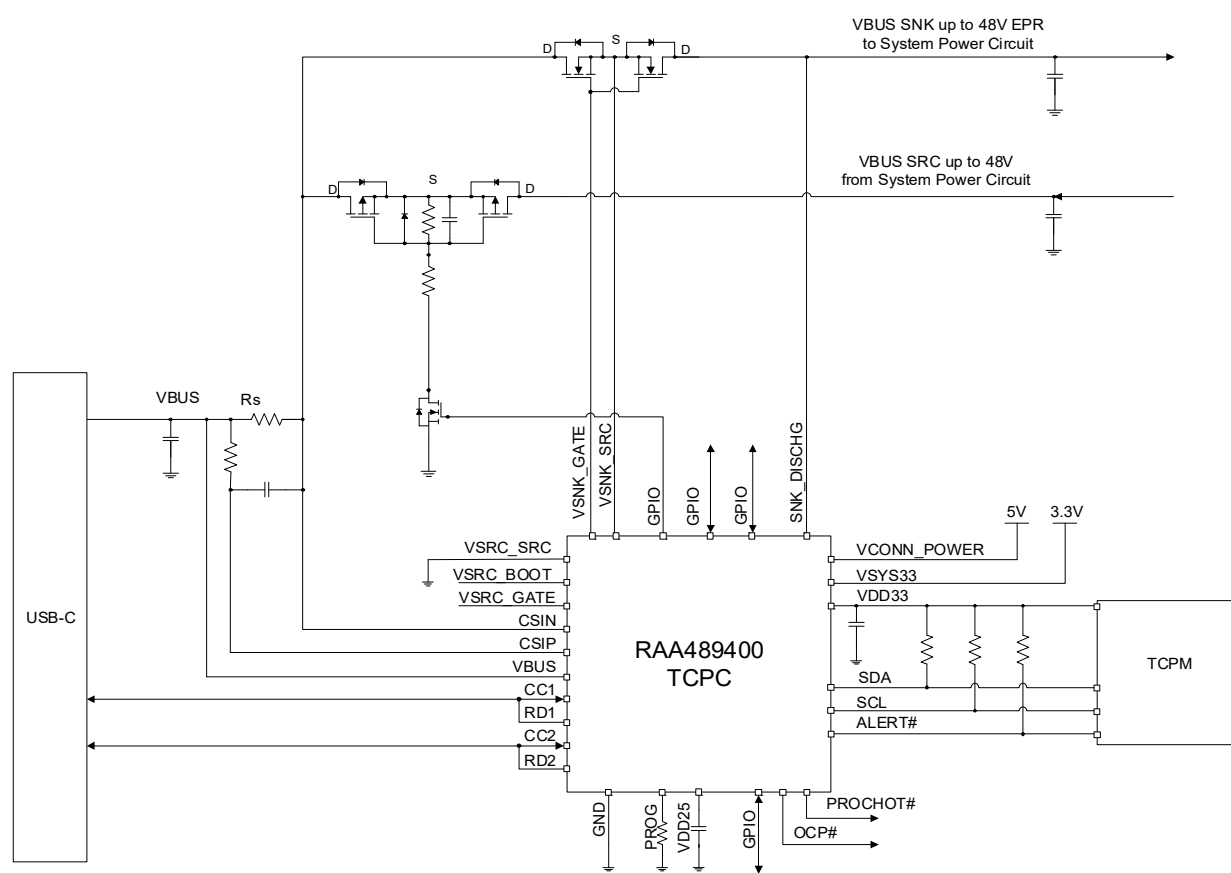


Figure 8. Example of USB-C Application Based on TCPC and TCPM for DRP (Dual Role Power) System with VSNK_GATE and GPIO Control, Supports VBUS SNK: Up to 48V and SRC: Up to 48V

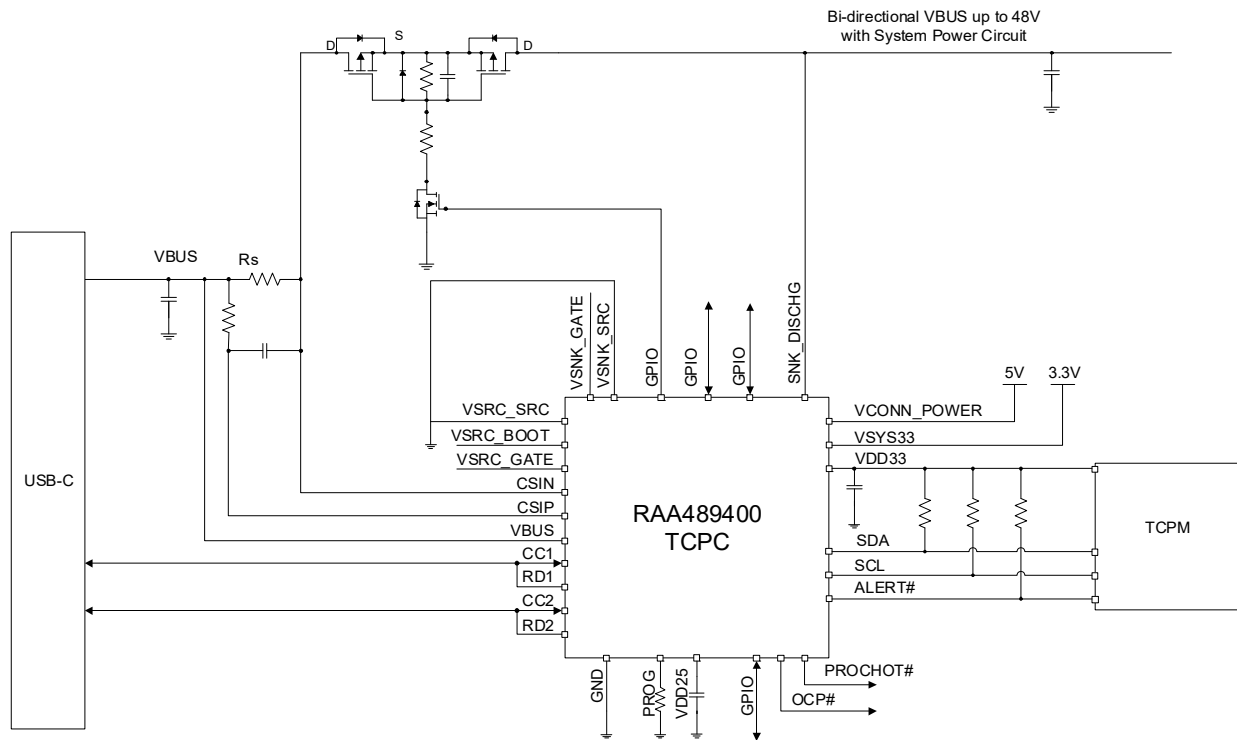


Figure 9. Example of USB-C Application Based on TCPC and TCPM for Bi-directional DRP (Dual Role Power) System with GPIO Control, Supports VBUS SNK: Up to 48V and SRC: Up to 48V