



Regulator Feedback divider U5 +PWRD-L1 TPS63070 R30 1u5H Recommended: XFL4020-152ME FB_VOUT_ L2 VOUT 5 FB R31 FB 55k6 10 PGND GND FB_ VAUX R32 10k ⊥ C17 GND - 0u1F GND GND Output capacitors Input capacitors +VOUT Table 3. Output Filter Selection OUTPUT CAPACITOR VALUE [μF](2) INDUCTOR VALUE [µH](1) 100 1.0 Designed by Xavier L'Heureux 1.5 2.2 MIST Lab Sheet: /power/5V25/ File: 5V25.sch (1) Inductor tolerance and current de-rating is anticipated. The effective inductance can vary by +20% and influction tolerance and current ce-rating is amicipated. The elective inductance can vary by +20% and -30%.
Capacitance tolerance and bias voltage de-rating of +20% and -50% is anticipated. For capacitors with larger do bias effect, a larger nominal value needs to be selected.
Typical application. Other check marks indicates recommended filter combinations Title: Portiloop Size: USLetter Date: 2021-06-07 Rev: 1A KiCad E.D.A. kicad 5.1.10 ld: 3/11















