

Table 2–1. Bill of Materials

Ref Des	Part Number	Description	MFG
X1 to X8	MC S1–B	Connector	Multicontact
U1	TPS60302DGS	Charge pump IC with push-pull power-good output	TI
C1, C4, C5	1 μ F/10 V; 0805 X7R	Input and output capacitors	Taiyo Yuden
C2, C3	1 μ F/10 V; 0805 X7R	Flying capacitors	Taiyo Yuden
R1	1 M Ω 0805	Pullup resistor for ENABLE	Several
R2	Not assembled	Pullup resistor for open-drain power-good	—
C12	10 nF/50 V; 0805 X7R	Ceramic capacitor	Several
C6 to C11	Footprint; 1206	For test purposes	—

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