

Bill of Materials

Ref	Part Count	PN	Description	Manufacturer	Size
CF1, CF2	2	LMK212BJ105KG	Capacitor, ceramic, 1 μ F, 10 V, X7R	Taiyo Yuden	0805
Cin	1	LMK316BJ475KL	Capacitor, ceramic, 4.7 μ F, 10 V, X7R	Taiyo Yuden	1206
Cout	1	C2012X5R0J106M	Capacitor, ceramic, 10 μ F, 6.3 V, X5R	TDK	0805
Cout1	0		Not populated		
Cout2	1		Capacitor, ceramic, 100 nF, 50 V, X7R		0805
CC			10 pF		0805
R1, R2	2	E12-Series	Resistor, 1 M Ω		0805
R3	1	E12-Series	Resistor, 160 k Ω		0805
R4	1	E12-Series	Resistor, 180 k Ω		0805
U1	1	TPS60500DGS	Charge pump	TI	MSOP-10 (DGS)
X1-X4 X7-X10	2	AMP Modu II 826629-4	Male header, 4-pin, 2,54 mm	AMP	
X5-X6 X11-X12	2	AMP Modu II 826629-2	Male header, 2-pin, 2,54 mm	AMP	
	1	SLVP193	PCB	TI / BVR	43,4 x 32,9 mm
	1		Jumper for ENABLE		

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