



Figure 1. 2.5V and 5.0V Stacked Winding Output

Bill of Materials

Item	Part Number	Manufacturer	Description	Qty
C1	594D156X0035D2T	Vishay-Sprague ⁽¹⁾	15µF, 35V	1
C2	GRM42-6 X7R 334K	Murata ⁽²⁾	0.33µF, 50V	1
C3, C4, C5	594D127X06R3CT2	Vishay-Sprague ⁽¹⁾	120µF, 6.3V	3
D1, D2	SS24	Micro Commercial ⁽³⁾	2A, 40V, Schottky Diode	2
R1			3.01k, SMD, Size 0805 1%	1
R2			3.01k, SMD, Size 0805 1%	1
T1	CTX68-4A	Coiltronics ⁽⁴⁾	68µH, I _{SAT} = 0.8A	1
U1	MIC4684BM	Micrel Semiconductor⁽⁵⁾	2A High-Efficiency SuperSwitcher™ Buck Regulator	1

* Cross regulation = 5% if loads are within 10% of each other.

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2. Murata tel: 949-916-4000
3. Micro Commercial Corp. tel: 800-346-3371
4. Coiltronics tel: 561-752-5000
5. Micrel Semiconductor tel: 408-944-0800

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