



Ultra-Miniature 1W DC-DC now Available with Dual Outputs



Product Features

- Reduced footprint by 50%
- 40% reduction load regulation
- Power density 1.71 W/cm³
- 56% less power dissipation
- Lower running temperatures than its predecessor.

MTU1 Dual

Dual output versions of Murata's ultra-miniature MTU1 series are now available. The 1 Watt DC-DC, in a tiny 8mm cube, set new standards for power density, reduced footprint, efficiency and load regulation when the single output version was released. The dual output (MTU1D) versions now allow designers even more performance flexibility
...in half the footprint of the previous industry-standard package!

Also now available is a single output (MTU1S) version with a 3.3V input.

Models	Output Voltage	Nominal Input Voltage	Efficiency Typ.
MTU1D0305MC	±5V	3.3V	83%
MTU1D0505MC	±5V	5V	84%
MTU1D0509MC	±9V	5V	86%
MTU1D0512MC	±12V	5V	87%
MTU1D0515MC	±15V	5V	88%
MTU1D1205MC	±5V	12V	85%
MTU1D1209MC	±9V	12V	87%
MTU1D1212MC	±12V	12V	88%
MTU1D1215MC	±15V	12V	88%
New single output variant also now available:			
Models	Output Voltage	Nominal Input Voltage	Efficiency Typ.
MTU1S0305MC	5V	3.3V	81%

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