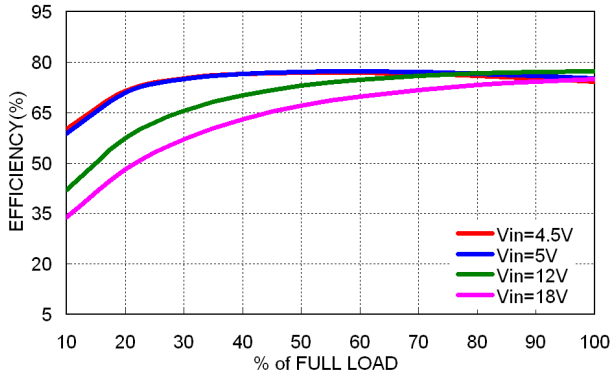
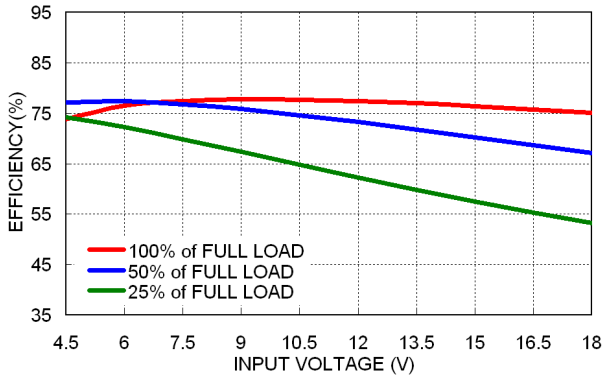
Characteristic Curves

TDN 3-1210WI(SM)

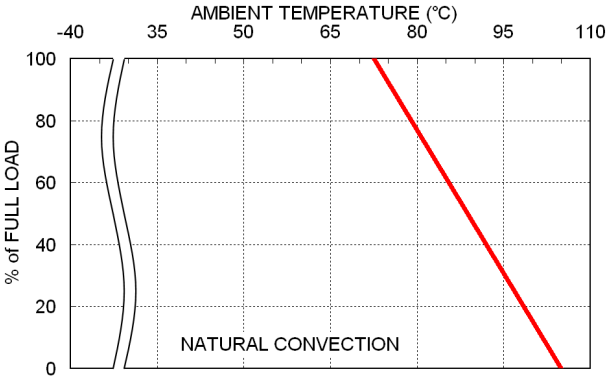
Efficiency versus Output Load



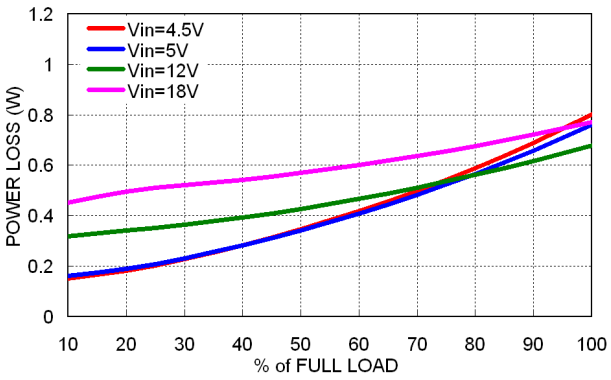
Efficiency versus Input Voltage



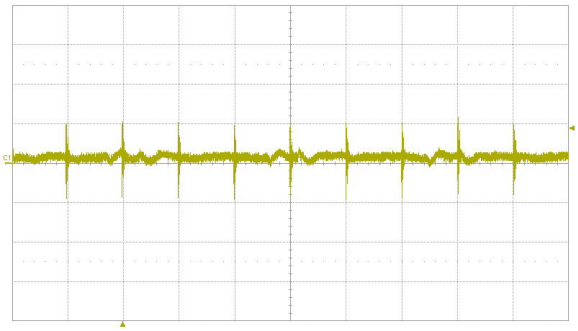
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

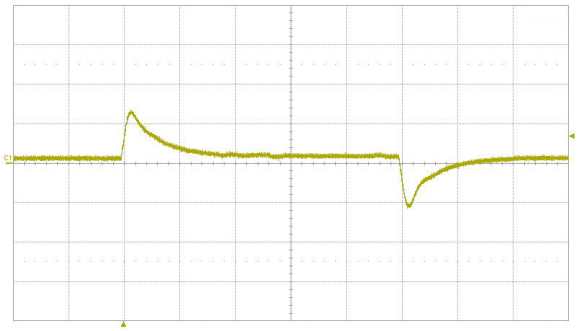


Typical Output Ripple and Noise



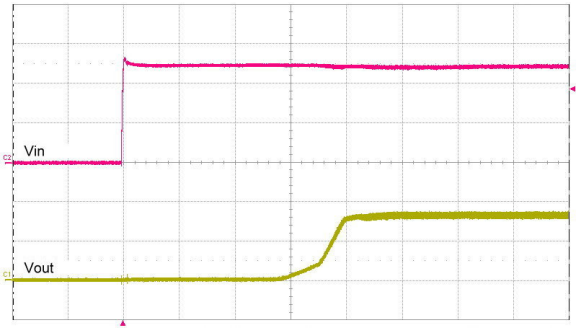
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



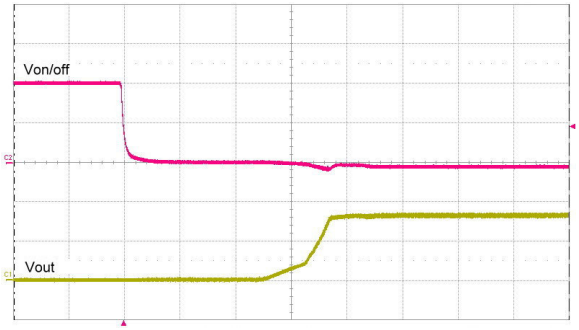
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 5 V/Div X: 500 µs/Div

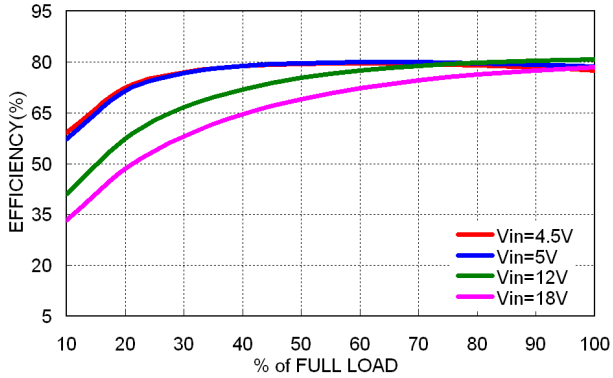
Remote on/off Voltage Start-Up Characteristic



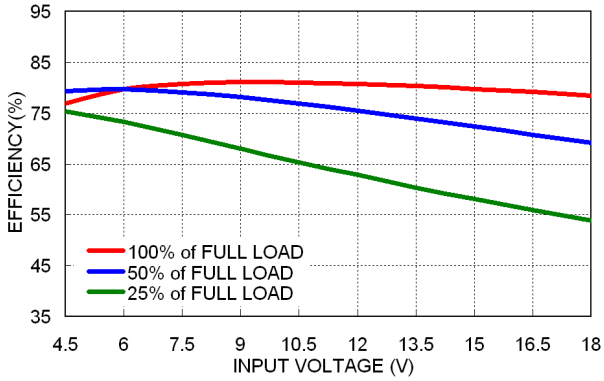
Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

TDN 3-1211WI(SM)

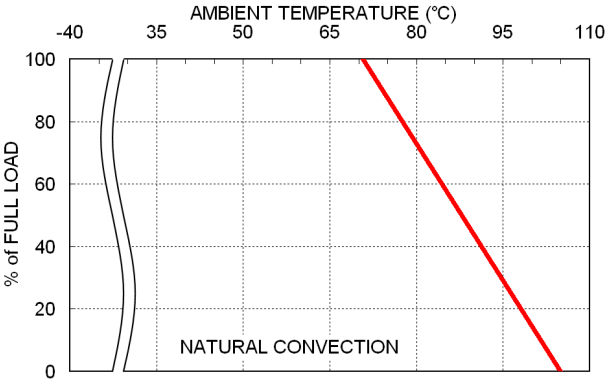
Efficiency versus Output Load



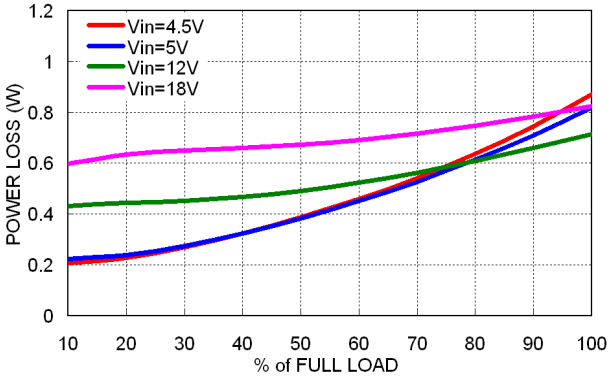
Efficiency versus Input Voltage



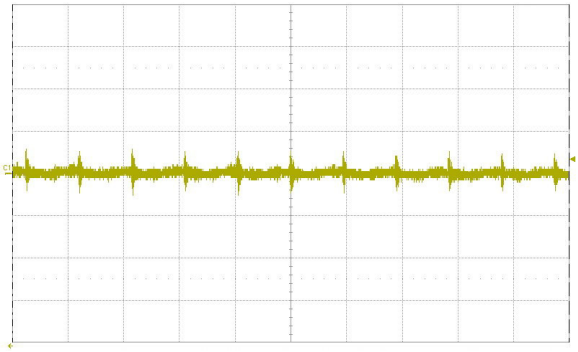
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

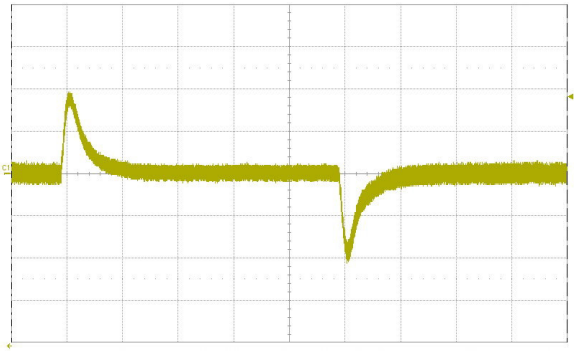


Typical Output Ripple and Noise



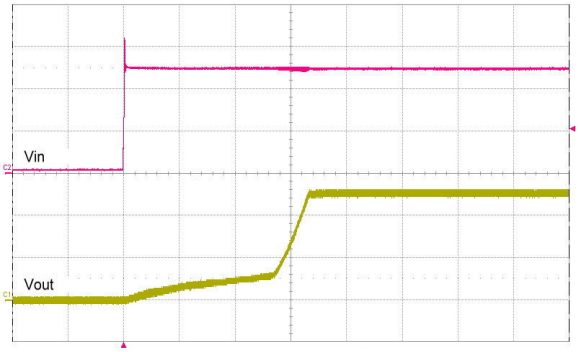
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



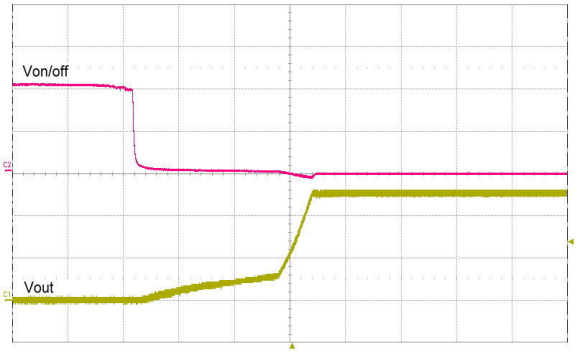
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

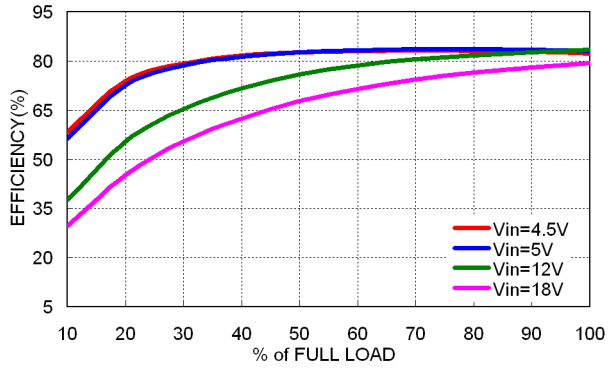


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

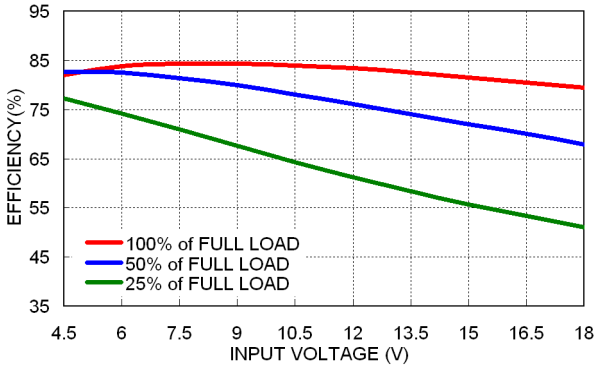
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1219WI(SM)

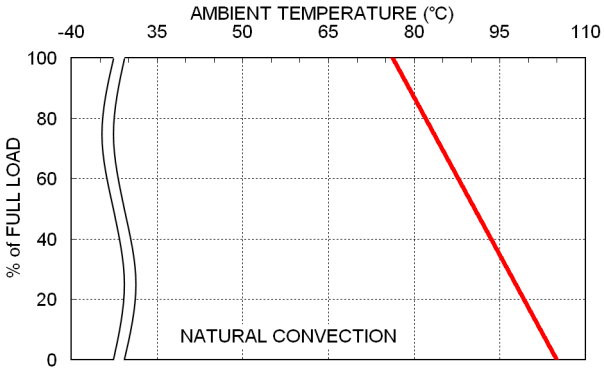
Efficiency versus Output Load



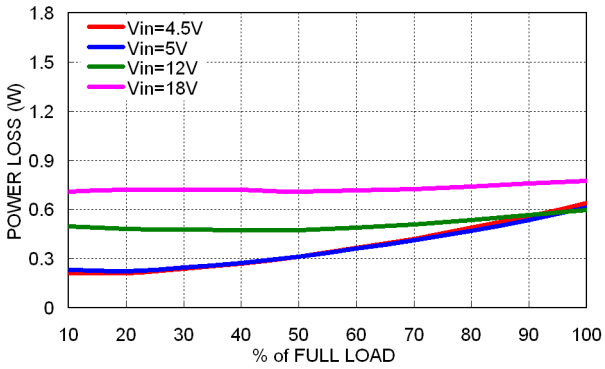
Efficiency versus Input Voltage



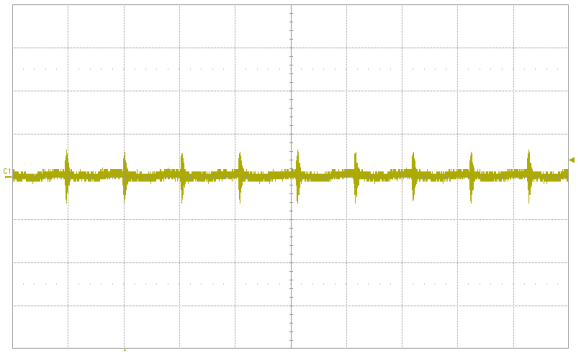
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

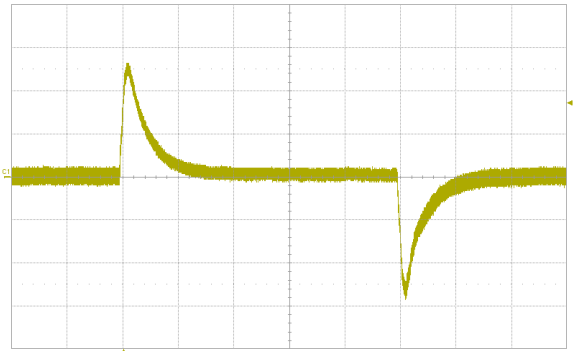


Typical Output Ripple and Noise



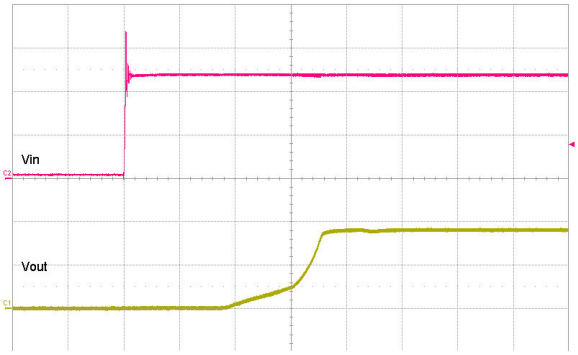
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



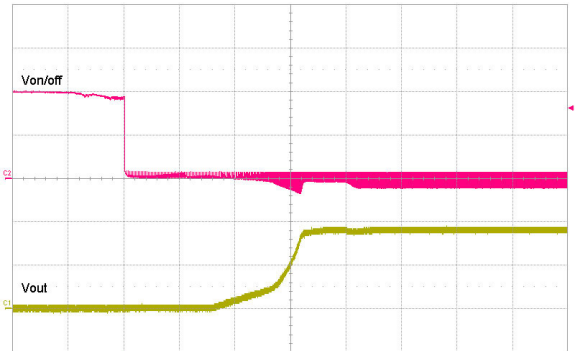
Y: 20 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

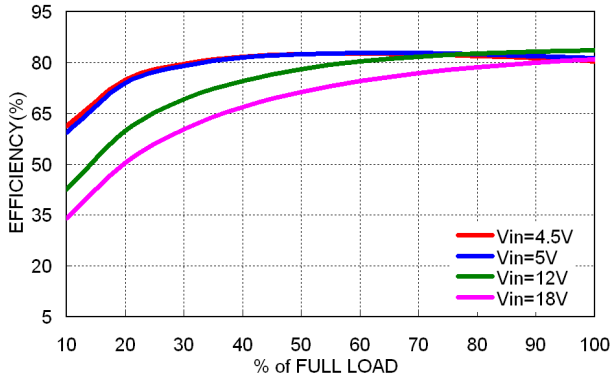


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

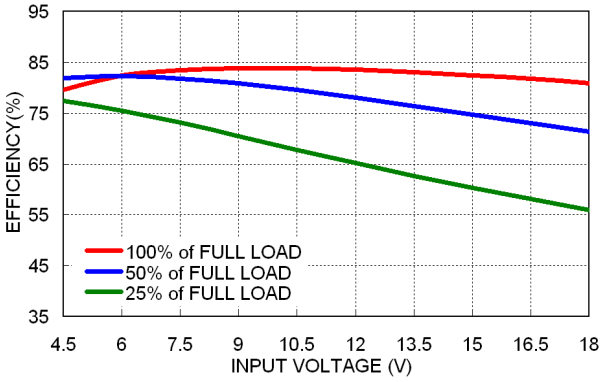
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1212WI(SM)

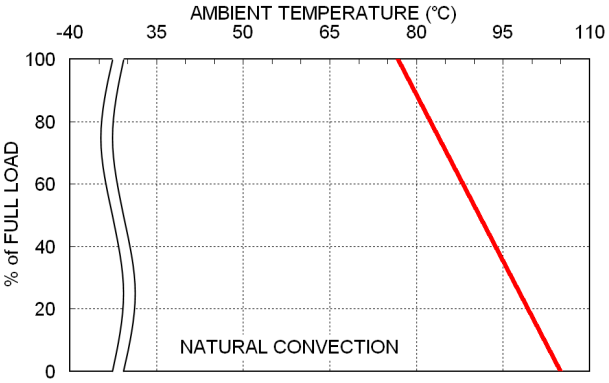
Efficiency versus Output Load



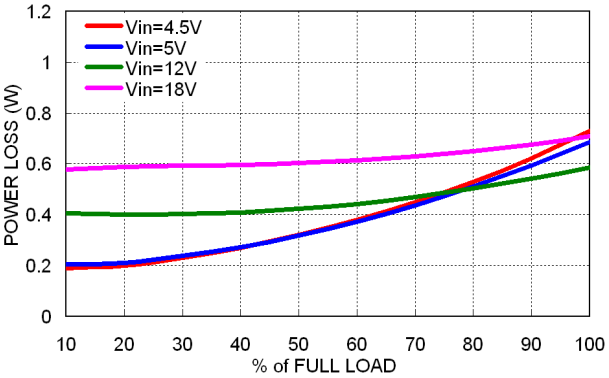
Efficiency versus Input Voltage



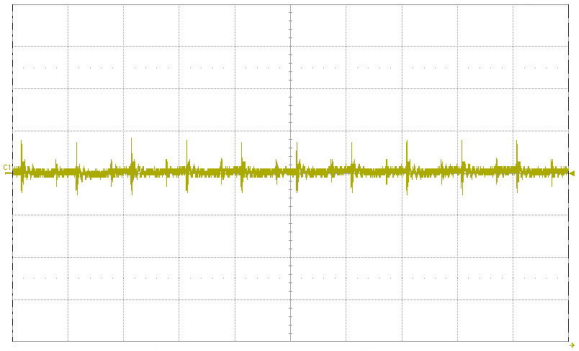
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

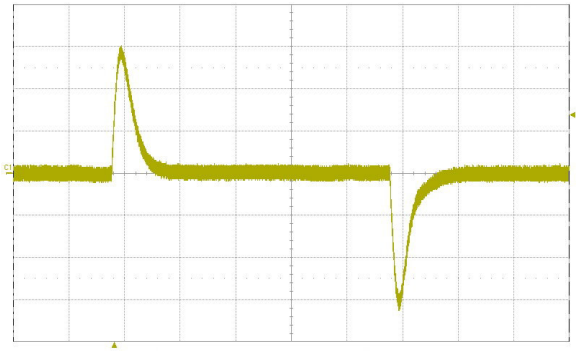


Typical Output Ripple and Noise



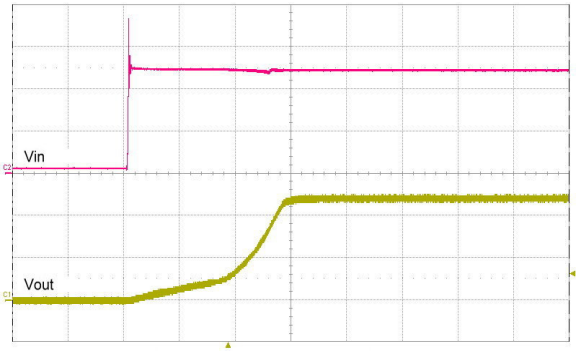
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



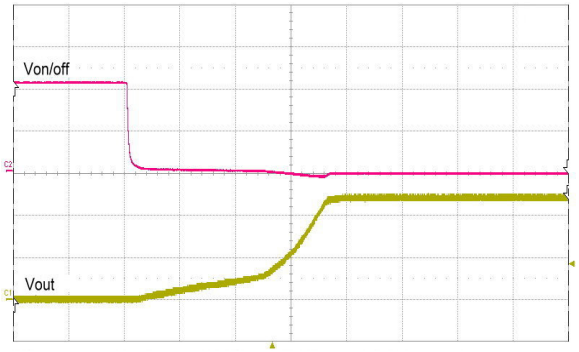
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

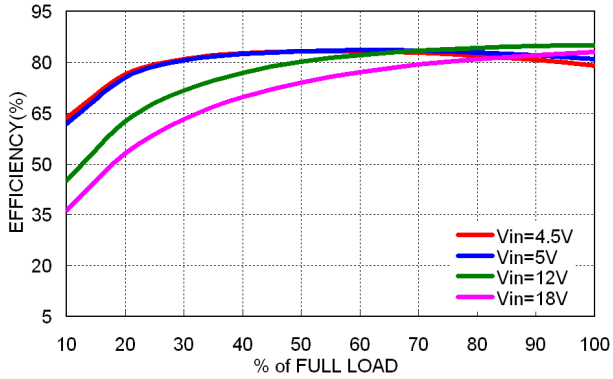


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

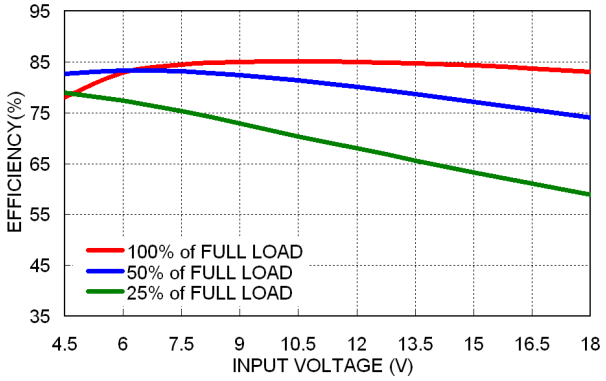
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1213WI(SM)

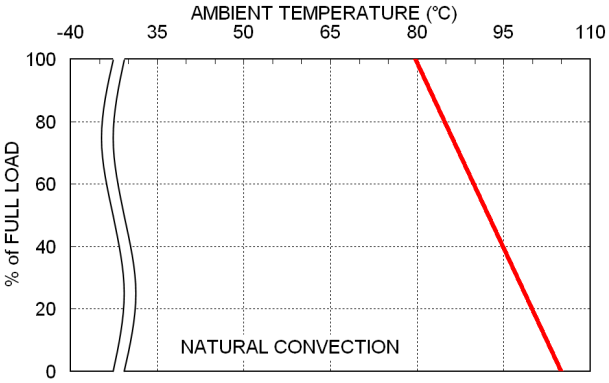
Efficiency versus Output Load



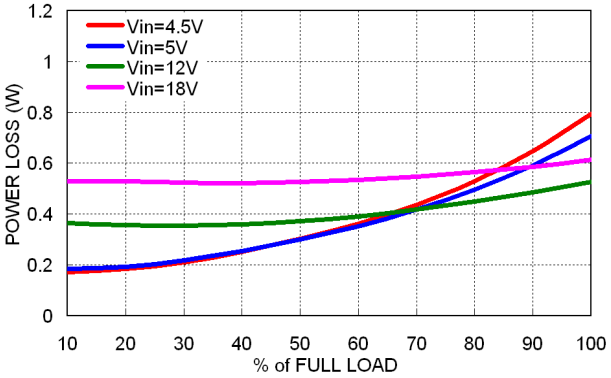
Efficiency versus Input Voltage



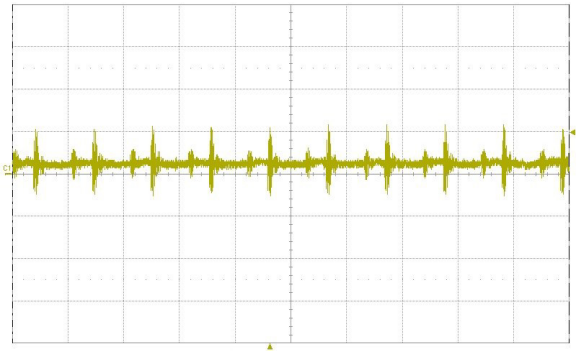
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

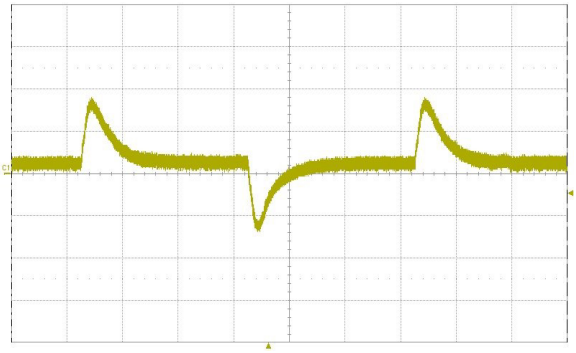


Typical Output Ripple and Noise



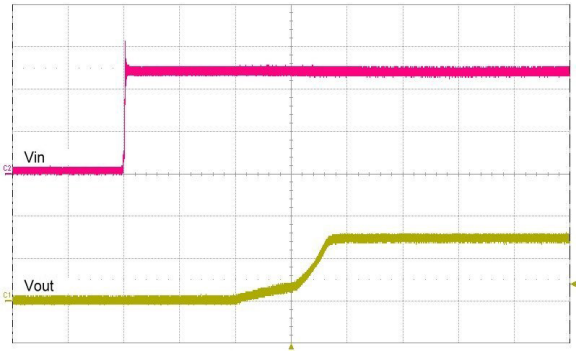
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



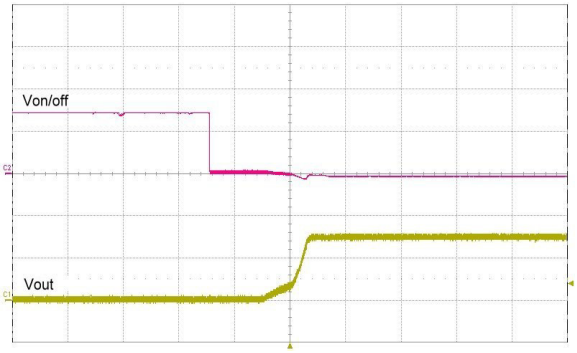
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Vin: 5 V/Div X: 1 ms/Div

Remote on/off Voltage Start-Up Characteristic

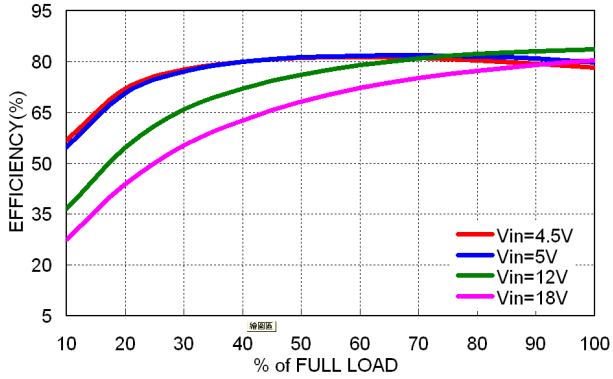


Vout: 10 V/Div Von/off: 5 V/Div X: 2 ms/Div

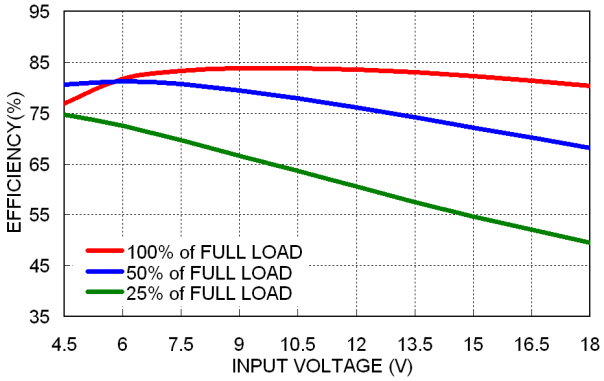
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1215WI(SM)

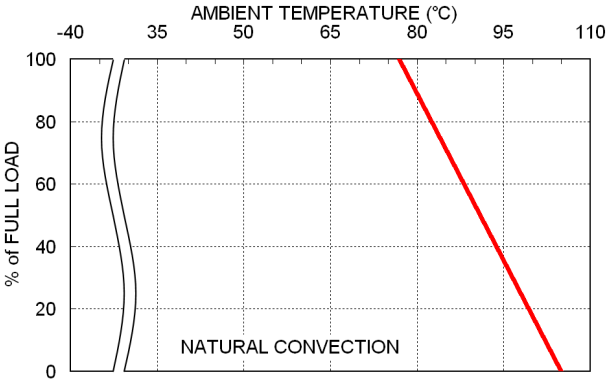
Efficiency versus Output Load



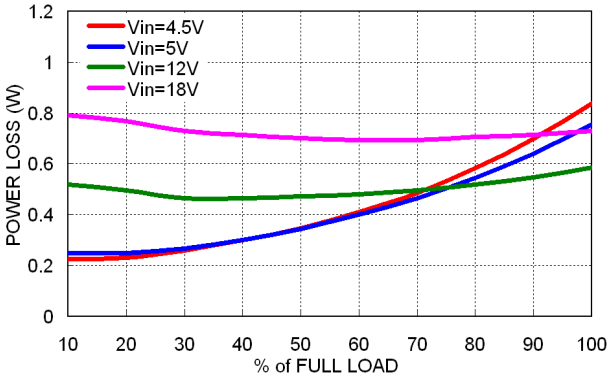
Efficiency versus Input Voltage



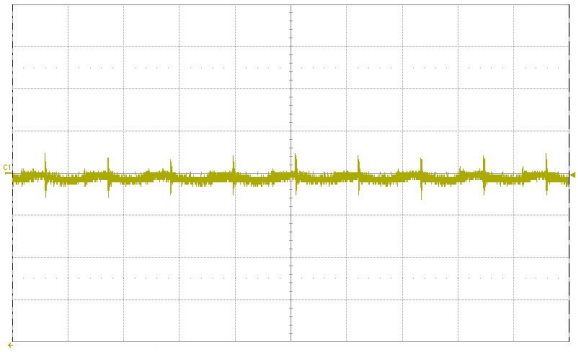
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

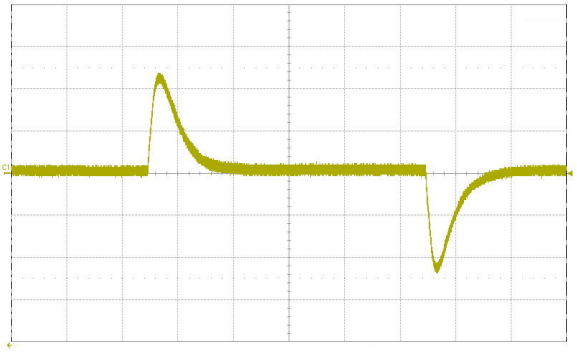


Typical Output Ripple and Noise



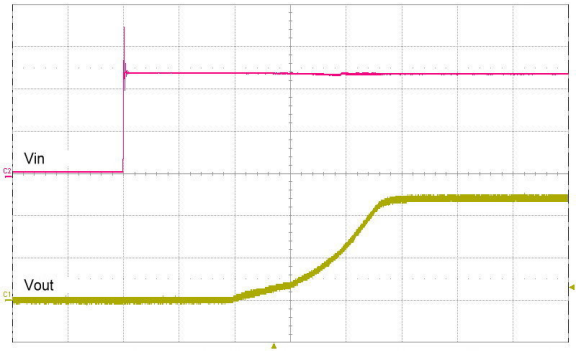
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



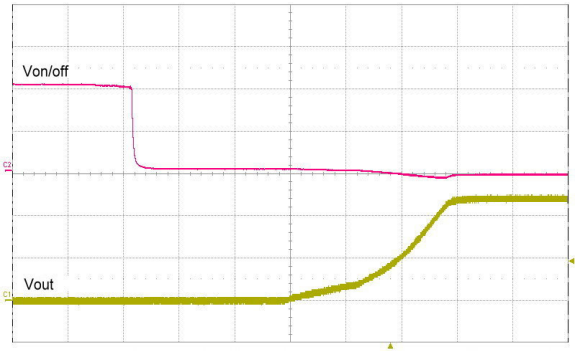
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

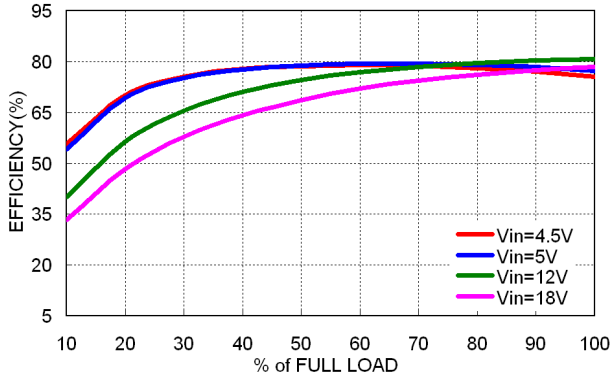


Vout: 10 V/Div Von/off: 5 V/Div X: 500 µs/Div

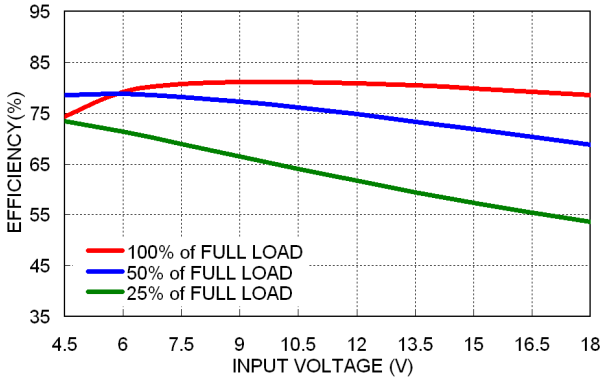
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1221WI(SM)

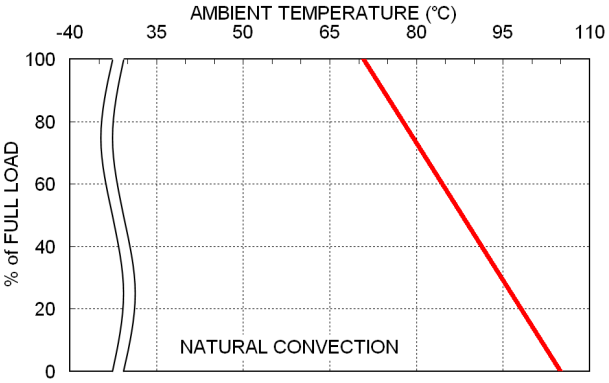
Efficiency versus Output Load



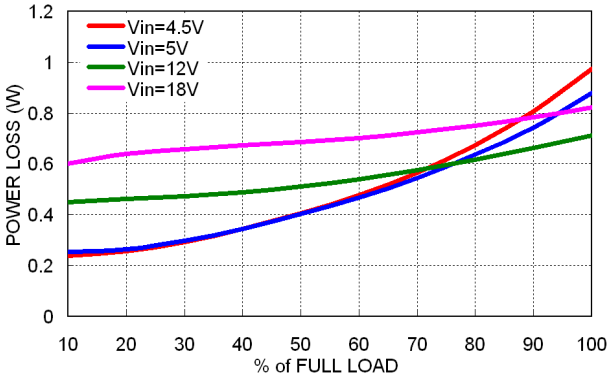
Efficiency versus Input Voltage



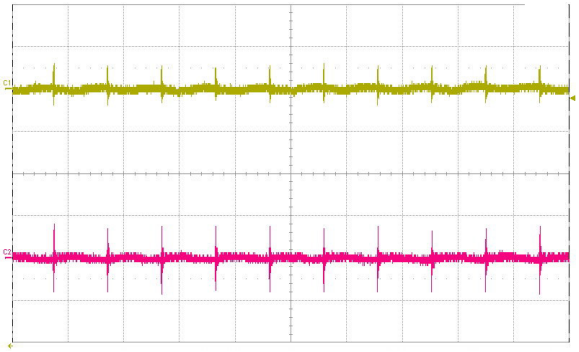
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

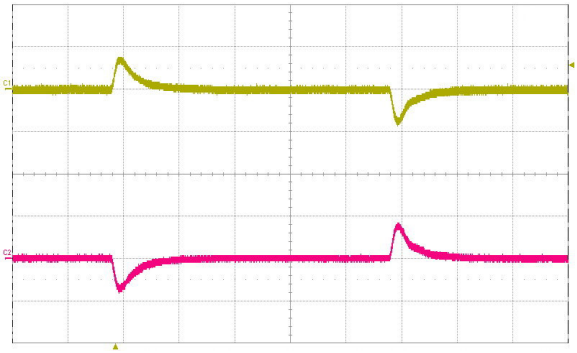


Typical Output Ripple and Noise



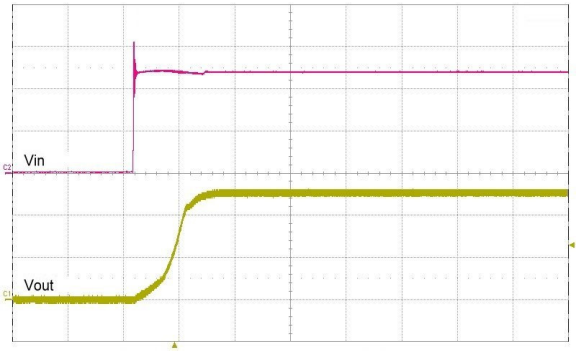
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



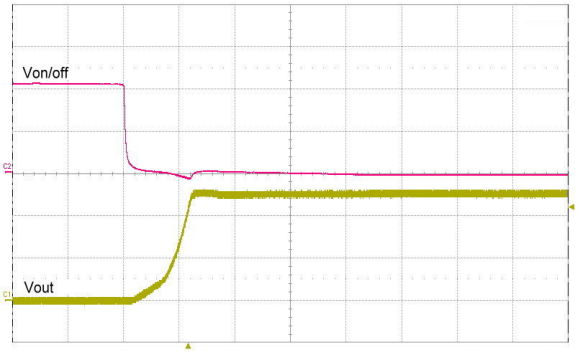
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 5 V/Div X: 20 µs/Div

Remote on/off Voltage Start-Up Characteristic

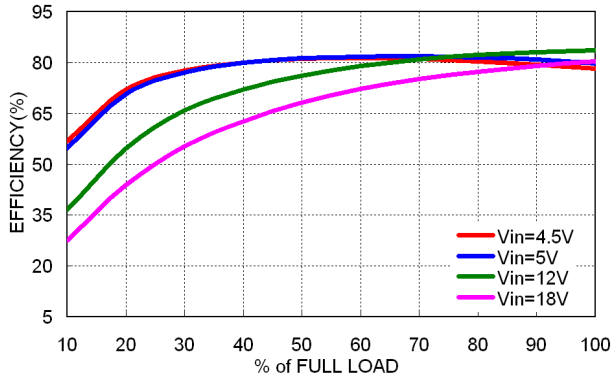


Vout: 20V/Div Von/off: 5 V/Div X: 500 µs/Div

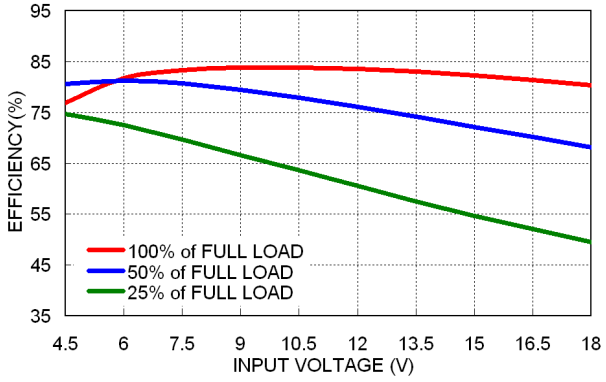
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1222WI(SM)

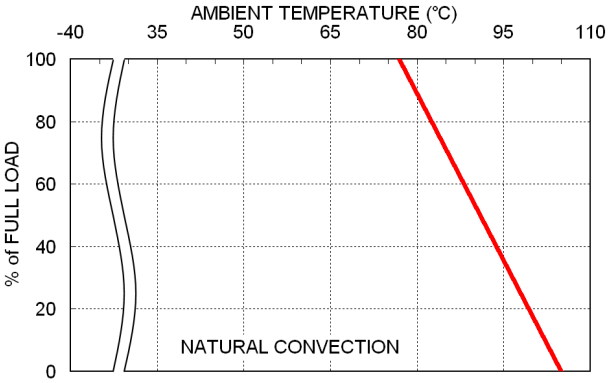
Efficiency versus Output Load



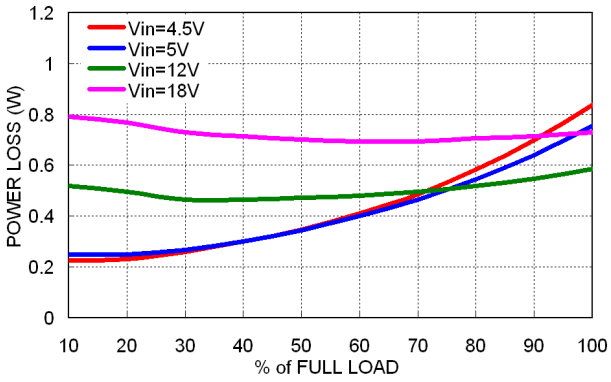
Efficiency versus Input Voltage



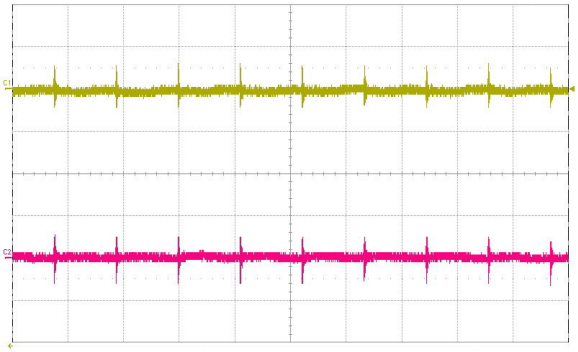
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

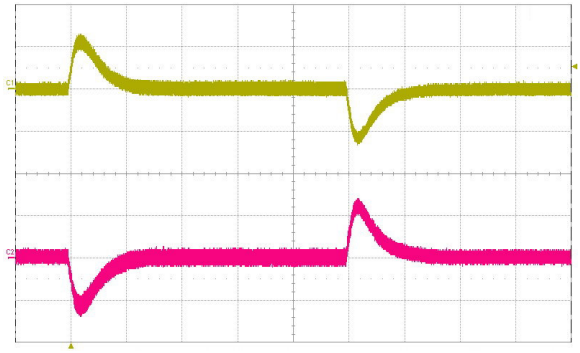


Typical Output Ripple and Noise



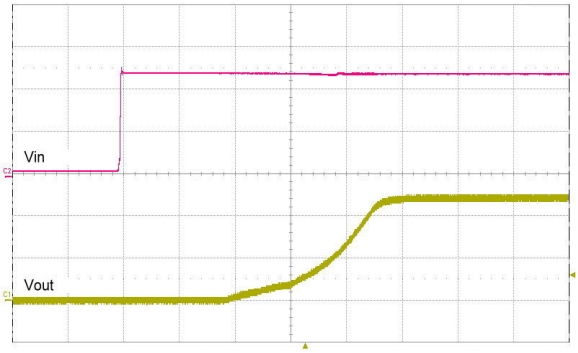
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



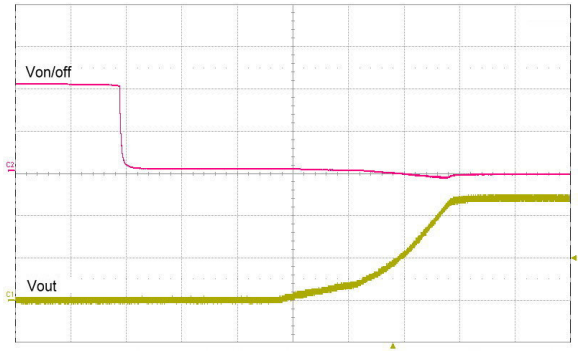
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

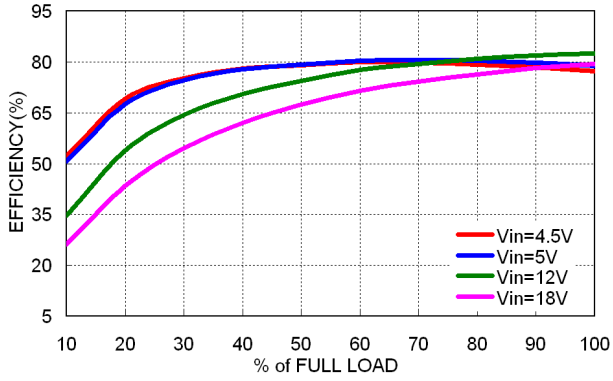


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

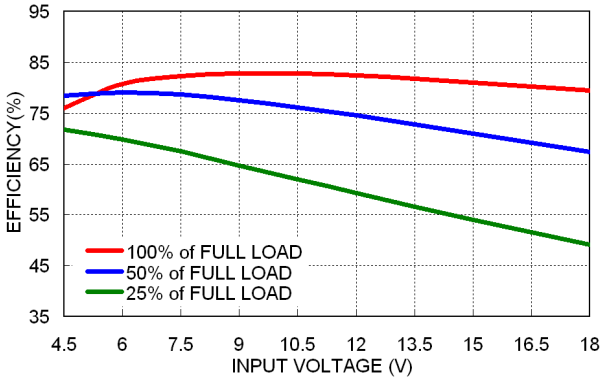
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-1223WI(SM)

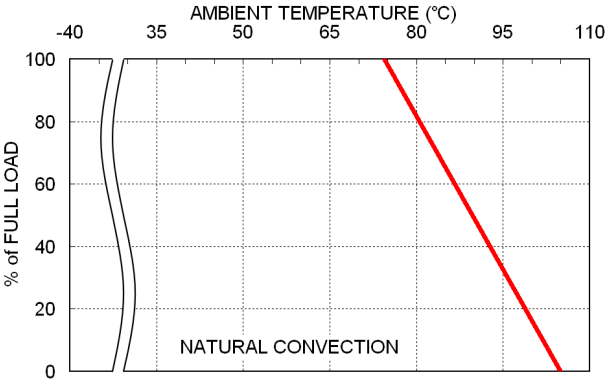
Efficiency versus Output Load



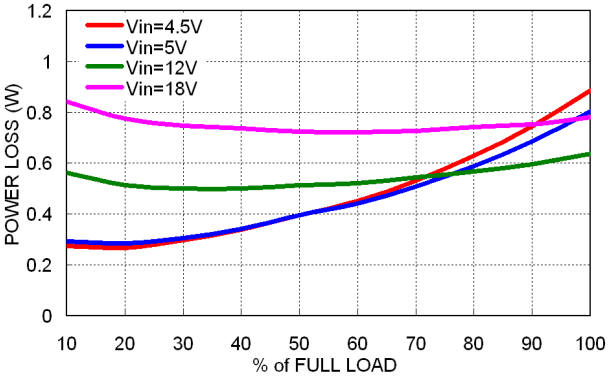
Efficiency versus Input Voltage



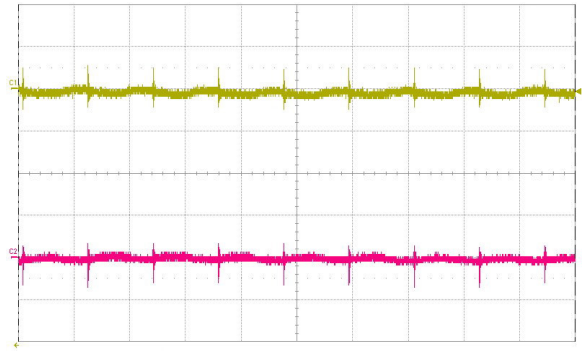
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

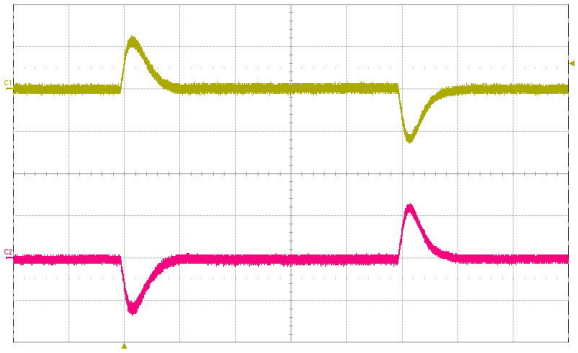


Typical Output Ripple and Noise



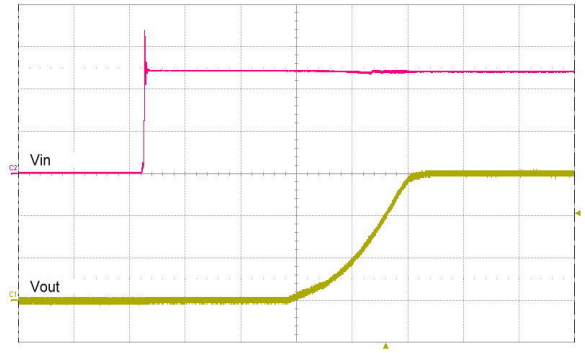
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



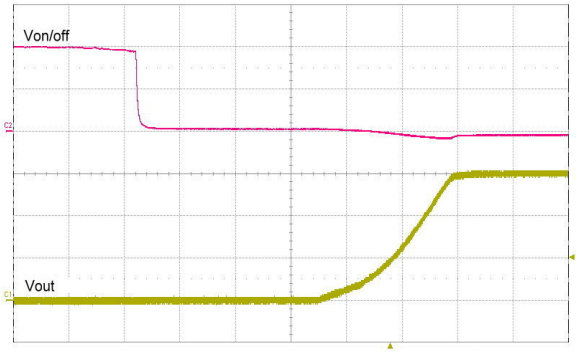
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 5 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

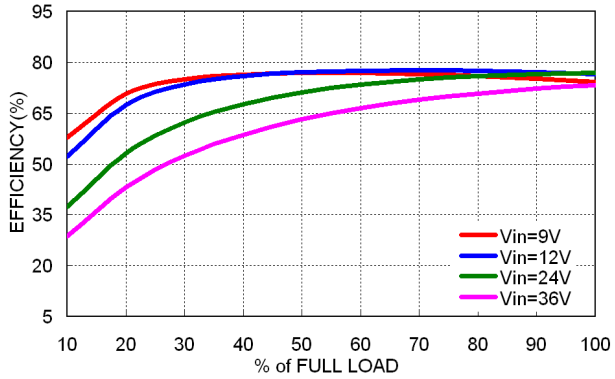


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

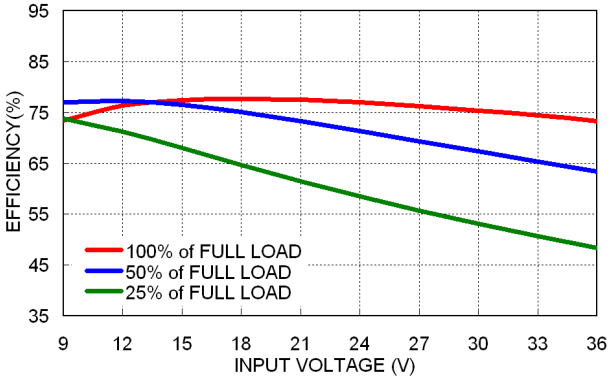
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2410WI(SM)

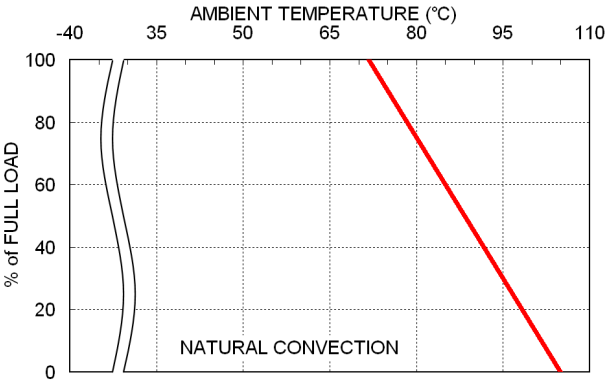
Efficiency versus Output Load



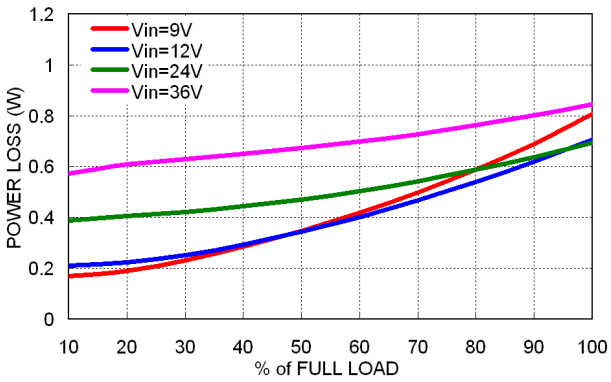
Efficiency versus Input Voltage



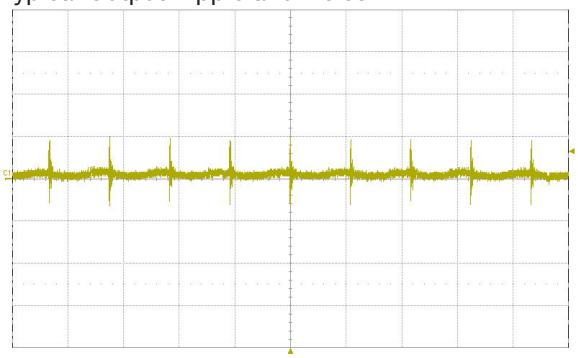
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

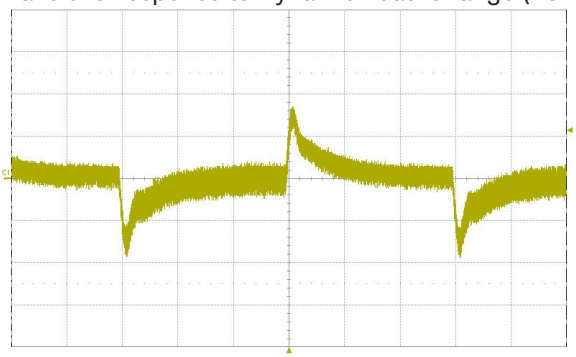


Typical Output Ripple and Noise



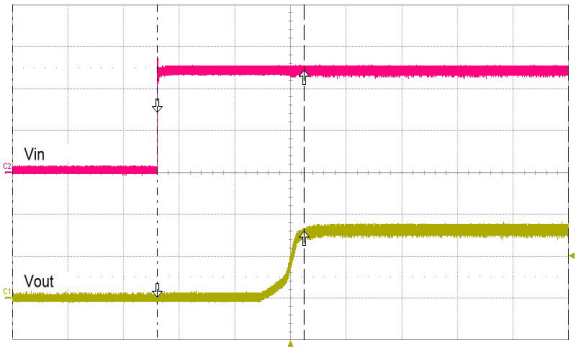
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



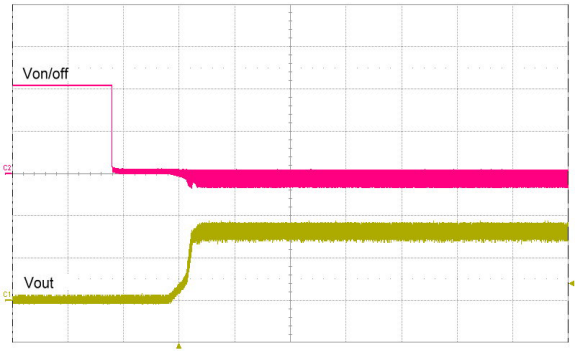
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 10 V/Div X: 1 ms/Div

Remote on/off Voltage Start-Up Characteristic

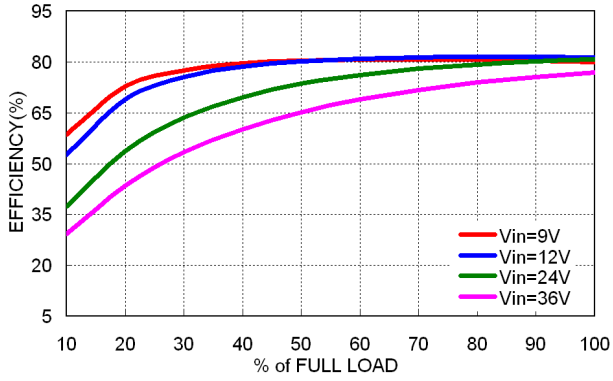


Vout: 2 V/Div Von/off: 5 V/Div X: 2 ms/Div

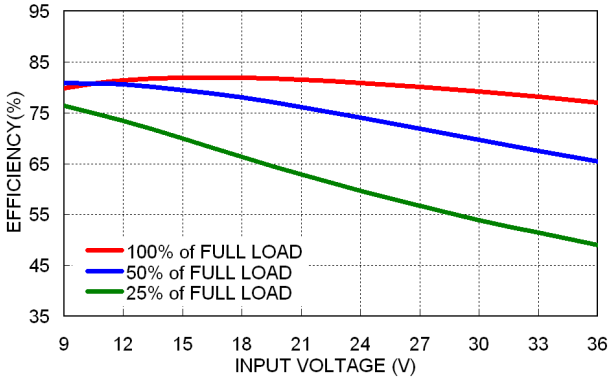
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2411WI(SM)

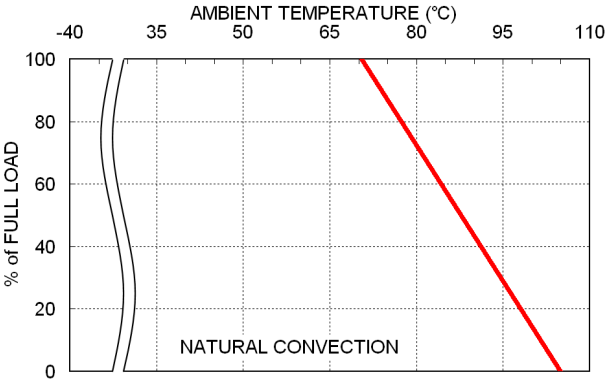
Efficiency versus Output Load



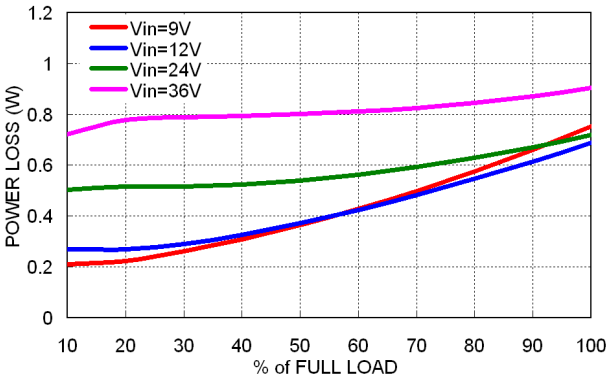
Efficiency versus Input Voltage



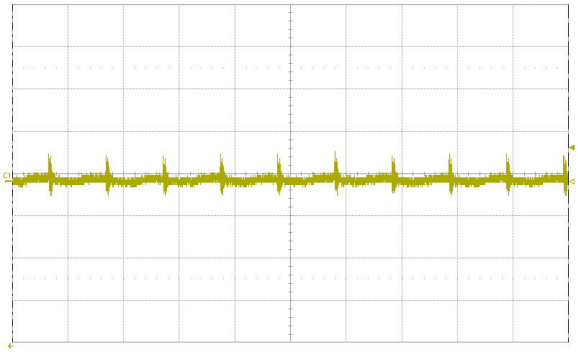
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

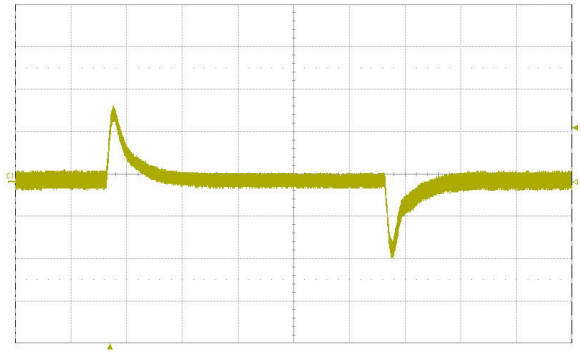


Typical Output Ripple and Noise



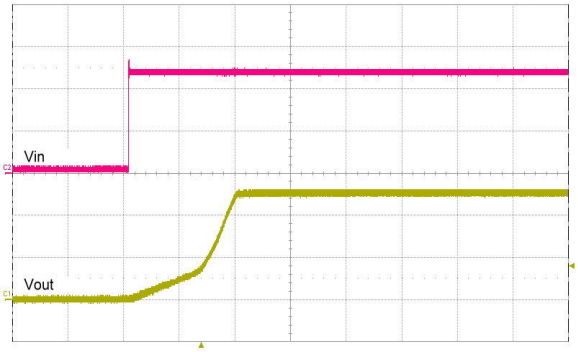
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



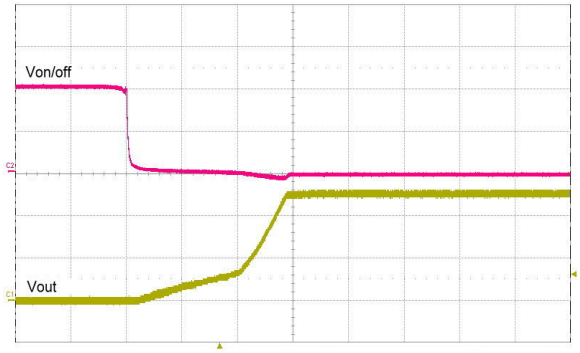
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 10 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

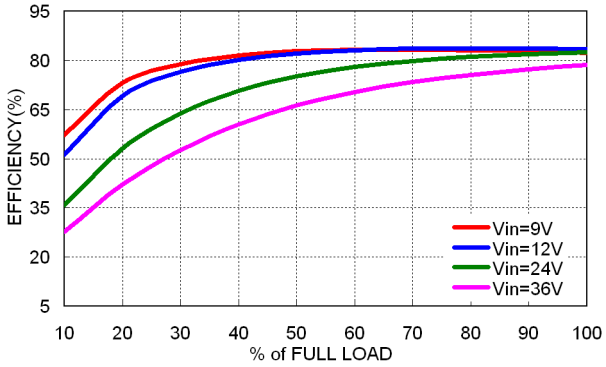


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

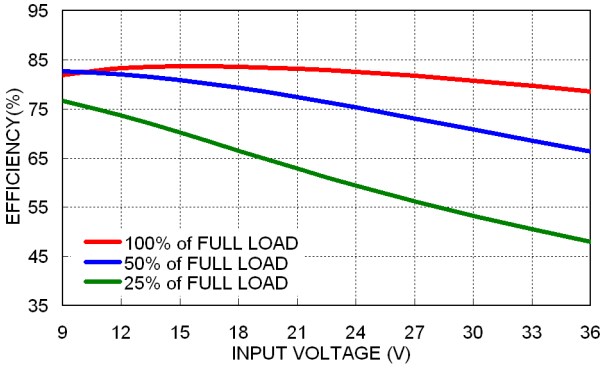
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2419WI(SM)

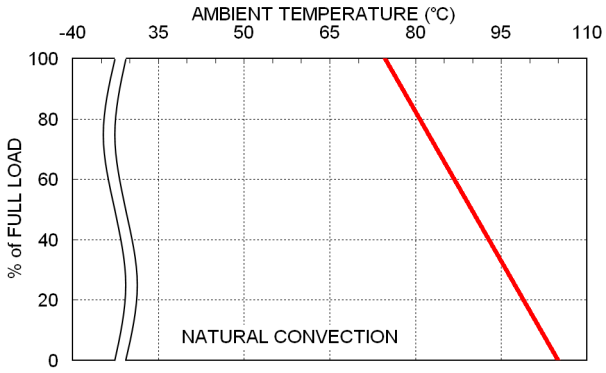
Efficiency versus Output Load



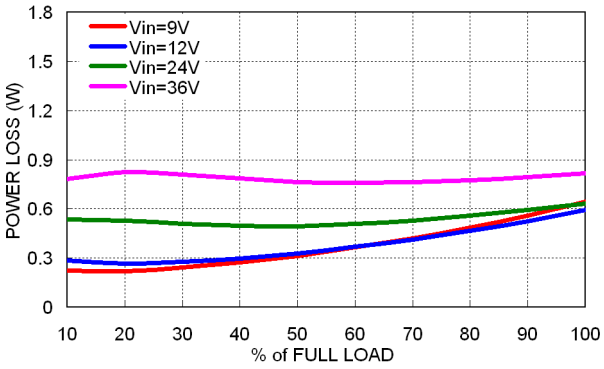
Efficiency versus Input Voltage



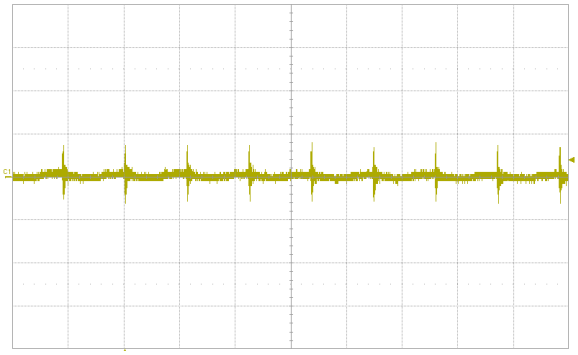
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

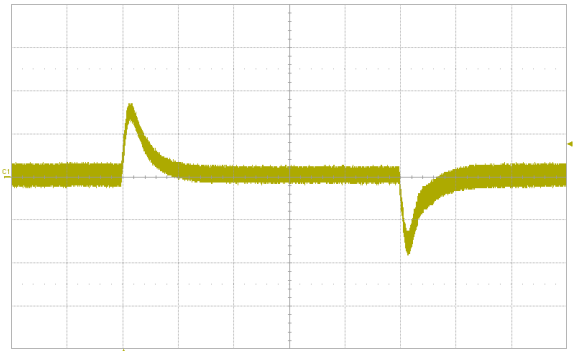


Typical Output Ripple and Noise



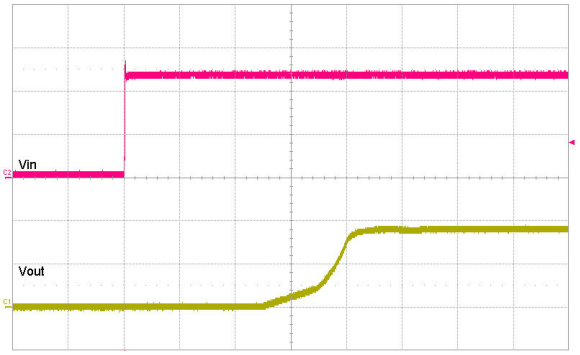
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



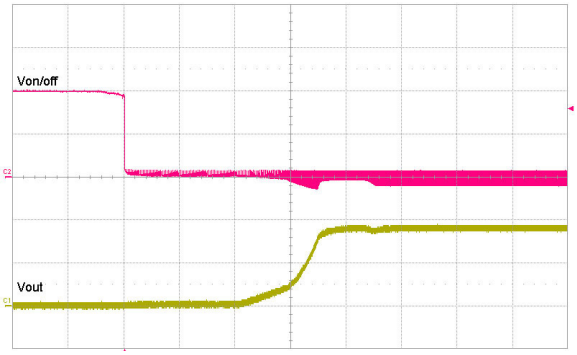
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 10 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

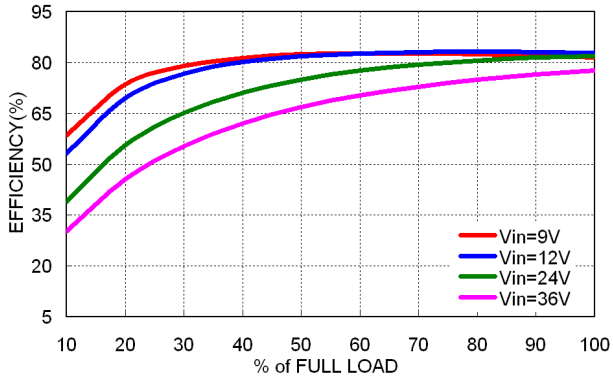


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

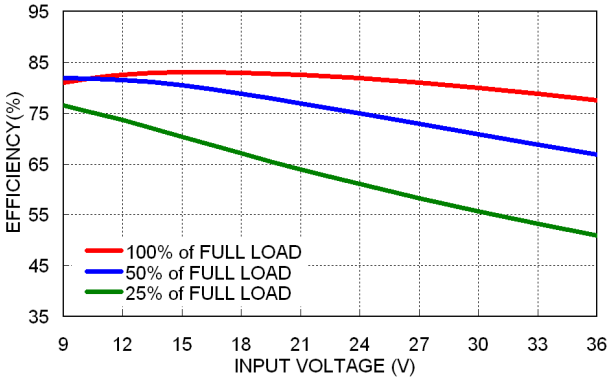
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2412WI(SM)

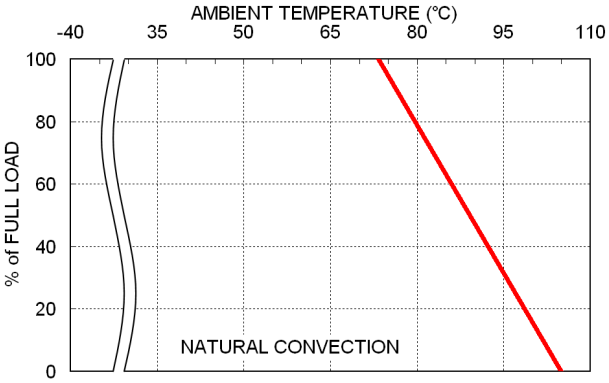
Efficiency versus Output Load



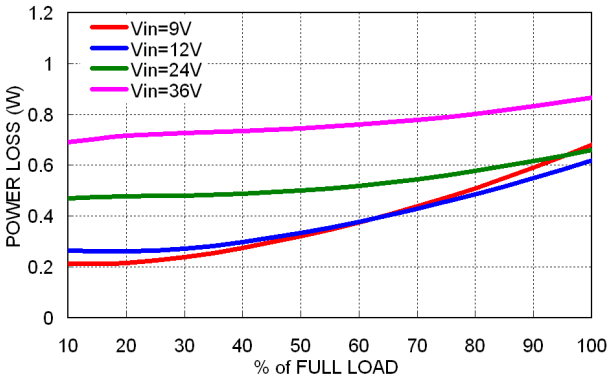
Efficiency versus Input Voltage



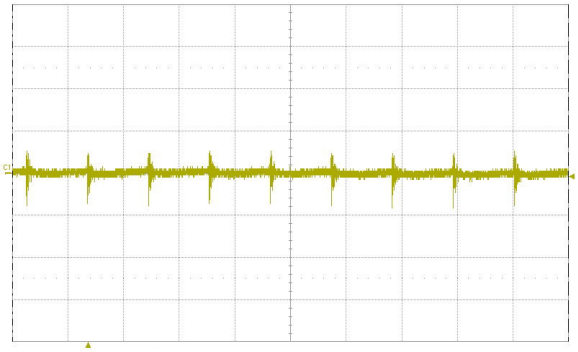
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

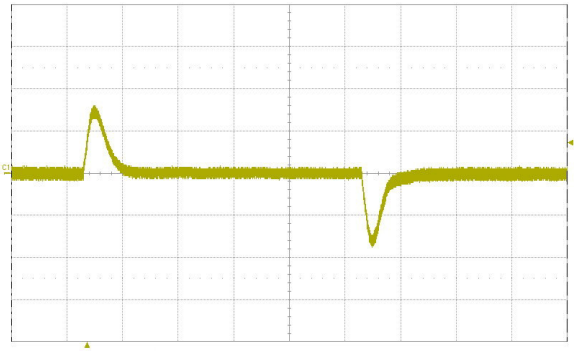


Typical Output Ripple and Noise



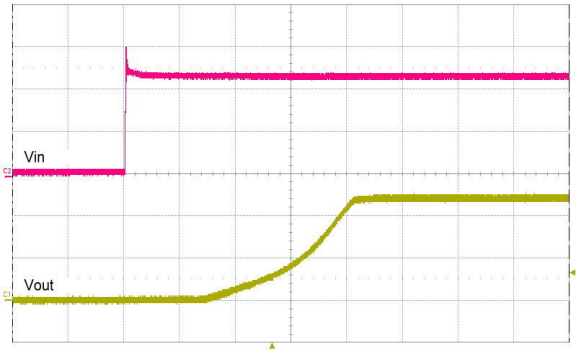
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



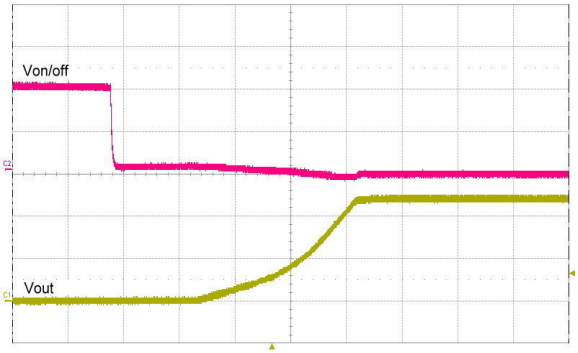
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 10 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

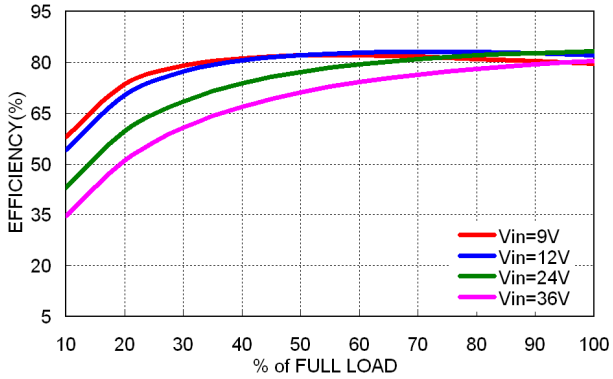


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

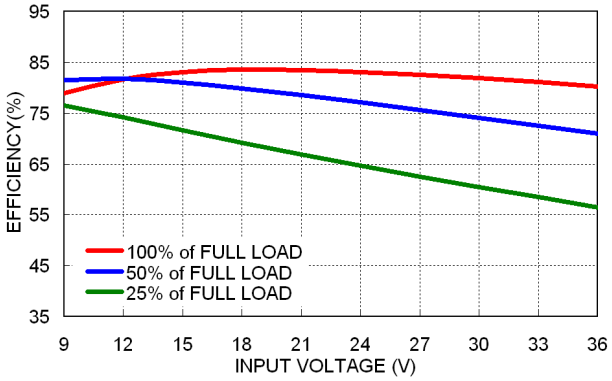
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2413WI(SM)

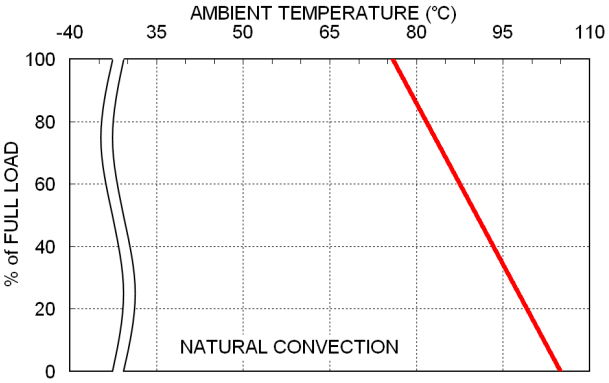
Efficiency versus Output Load



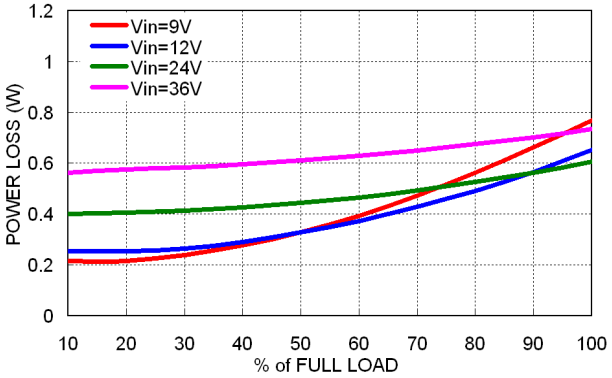
Efficiency versus Input Voltage



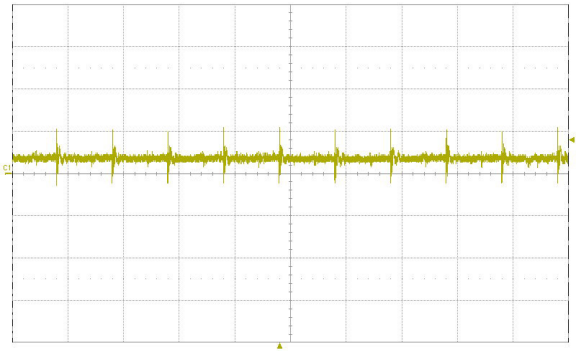
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

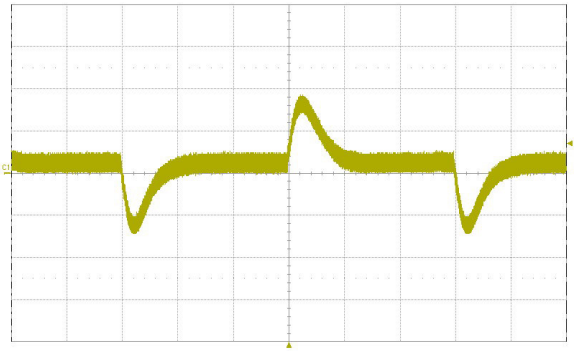


Typical Output Ripple and Noise



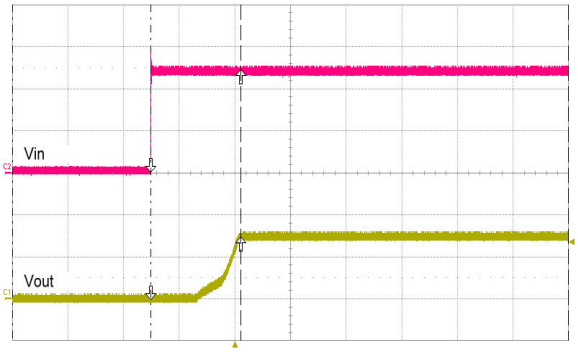
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



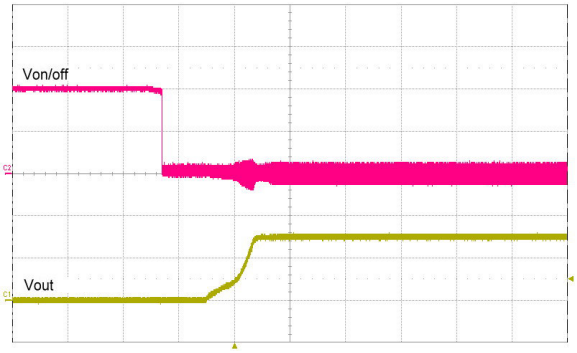
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Vin: 10 V/Div X:1 ms/Div

Remote on/off Voltage Start-Up Characteristic

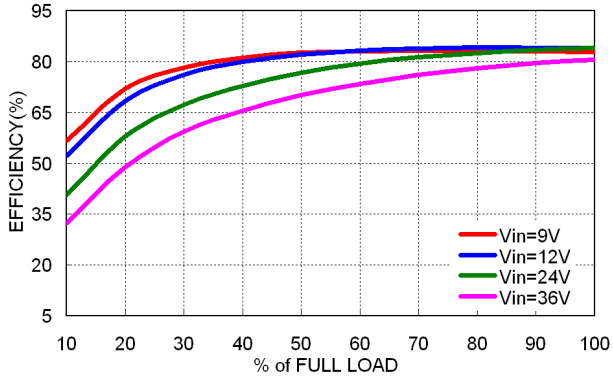


Vout: 10 V/Div Von/off: 5 V/Div X: 2 ms/Div

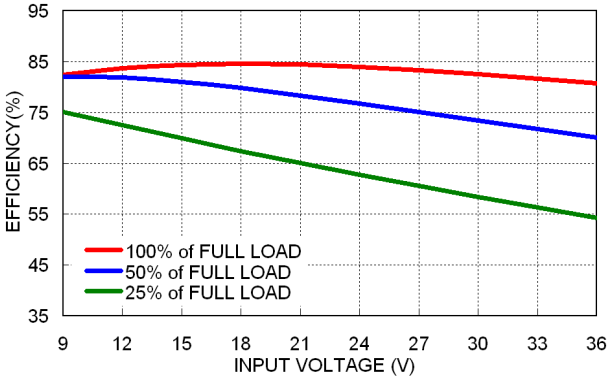
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2415WI(SM)

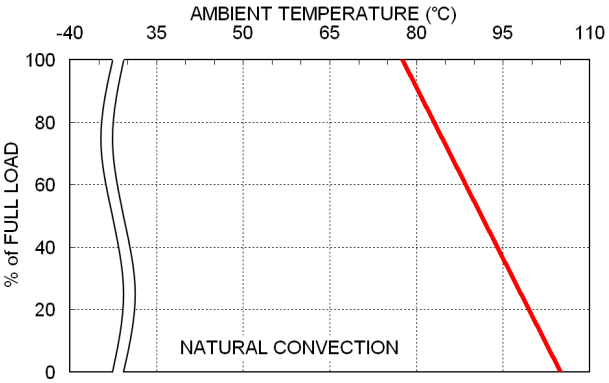
Efficiency versus Output Load



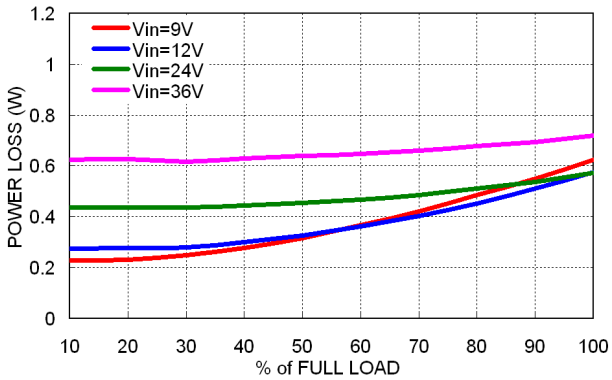
Efficiency versus Input Voltage



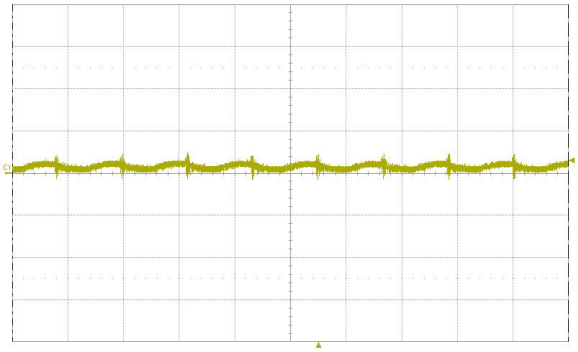
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

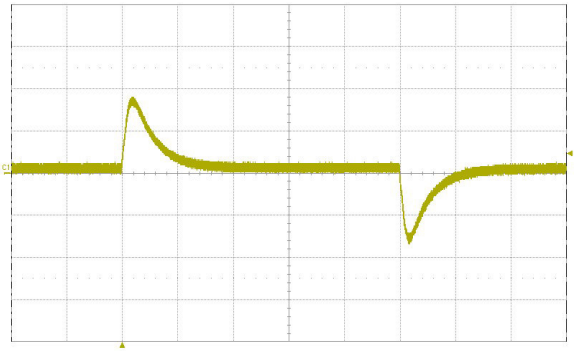


Typical Output Ripple and Noise



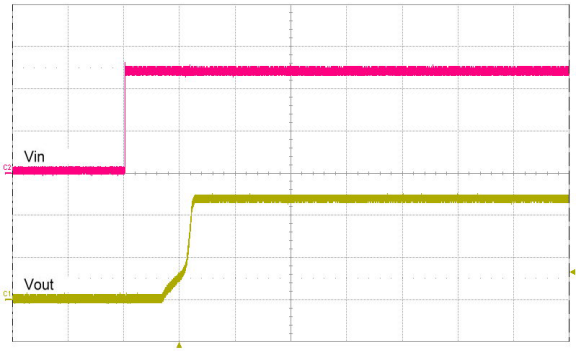
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



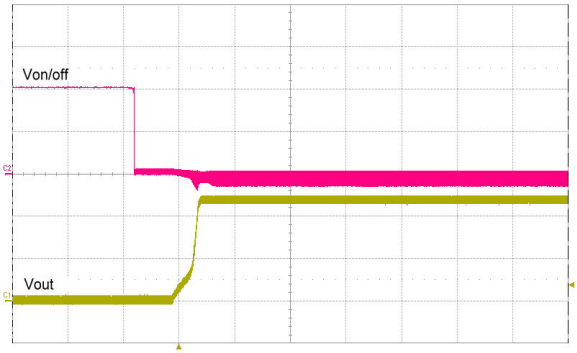
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Vin: 10 V/Div X: 5 ms/Div

Remote on/off Voltage Start-Up Characteristic

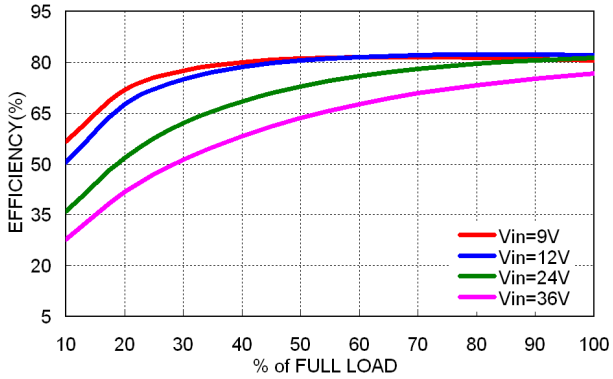


Vout: 10 V/Div Von/off: 5 V/Div X: 5 ms/Div

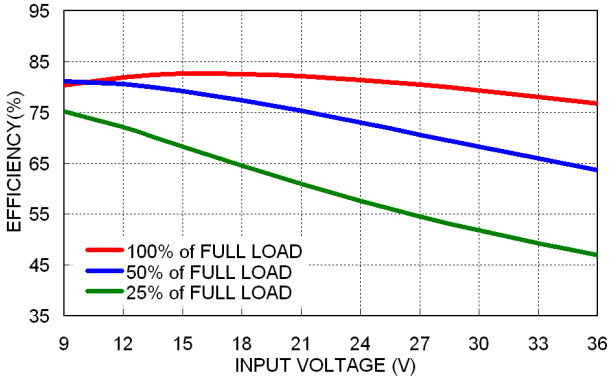
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2421WI(SM)

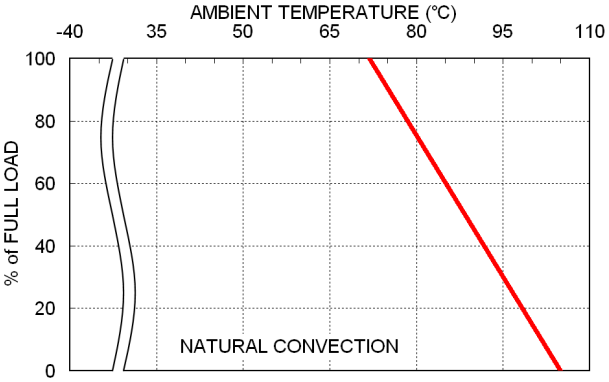
Efficiency versus Output Load



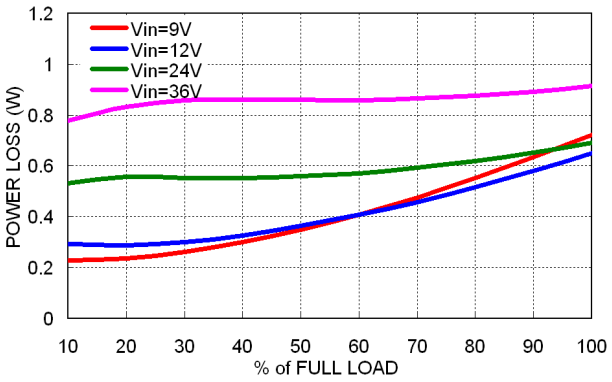
Efficiency versus Input Voltage



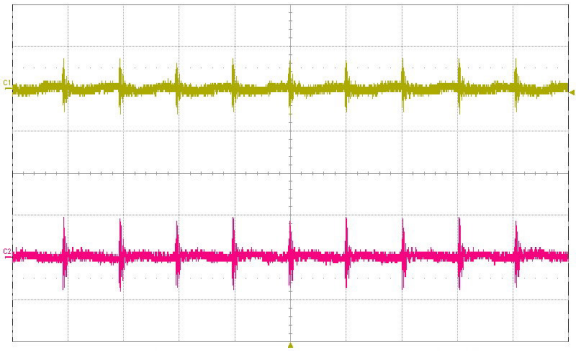
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

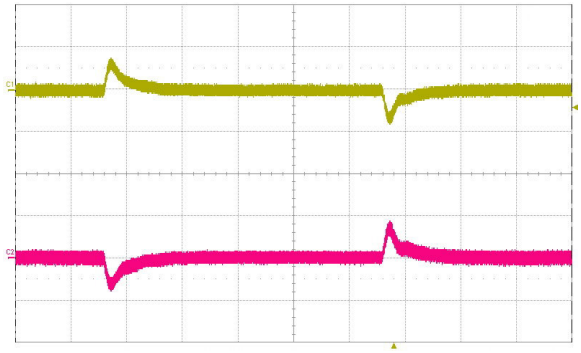


Typical Output Ripple and Noise



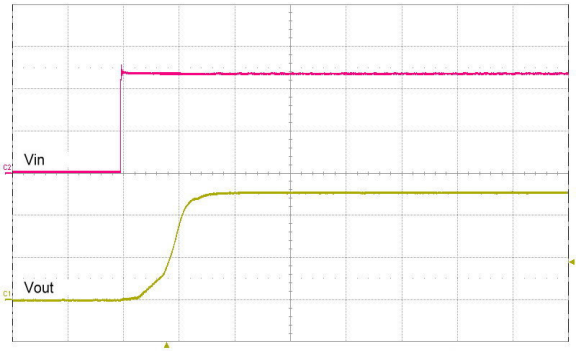
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



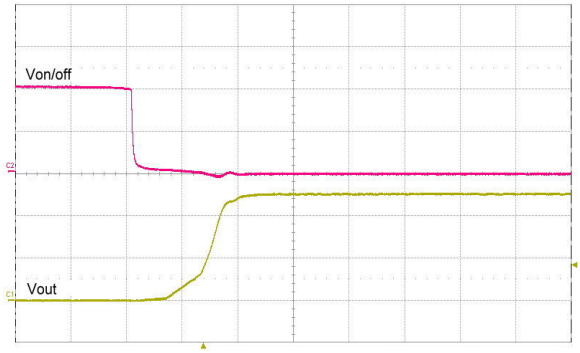
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 10 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

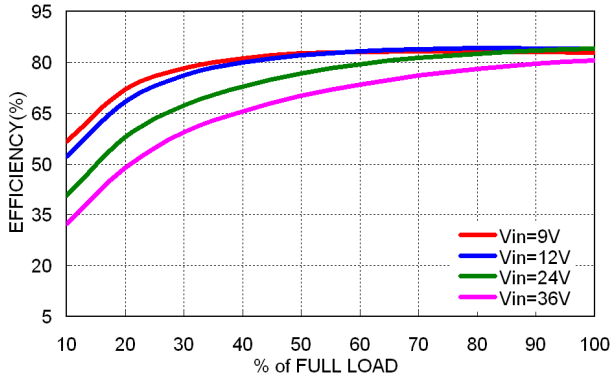


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

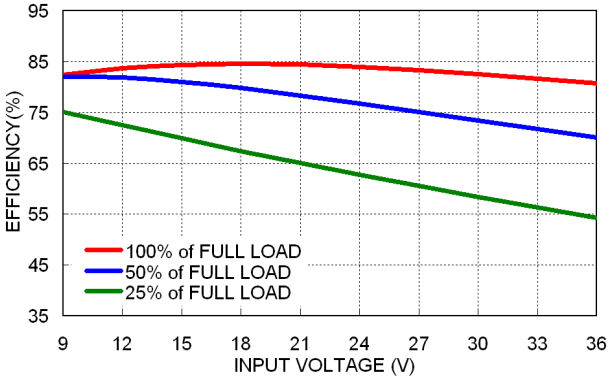
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2422WI(SM)

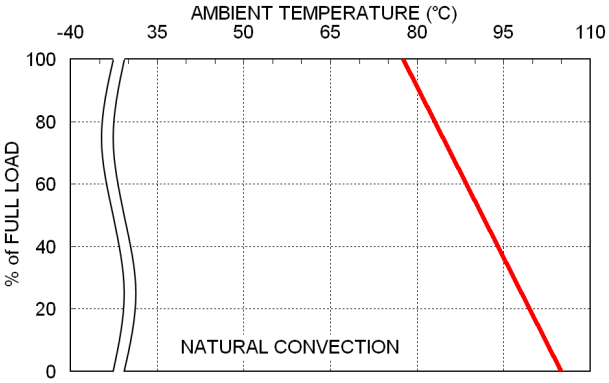
Efficiency versus Output Load



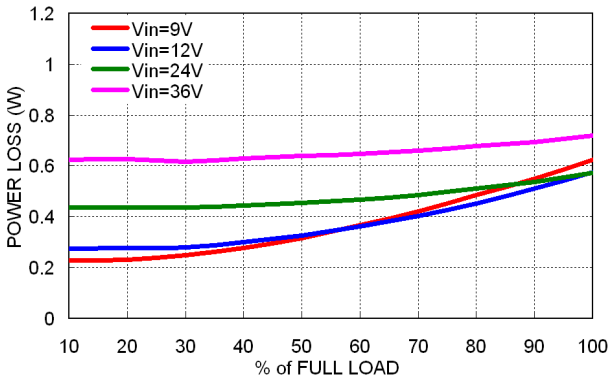
Efficiency versus Input Voltage



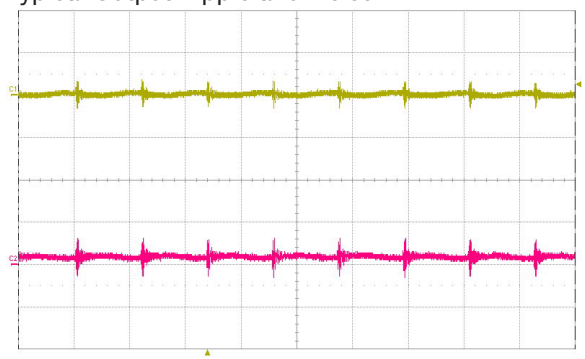
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

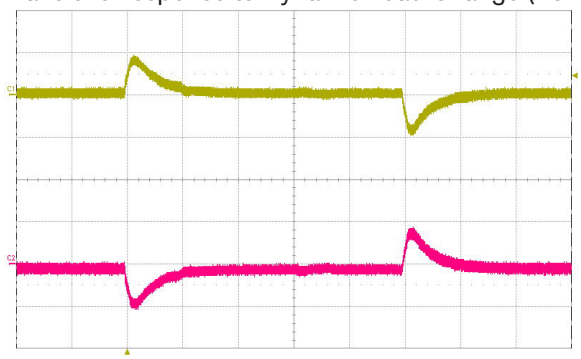


Typical Output Ripple and Noise



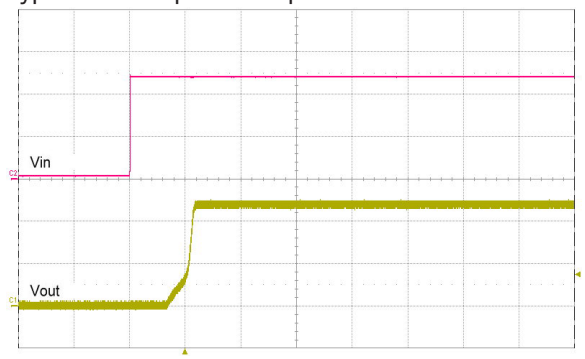
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



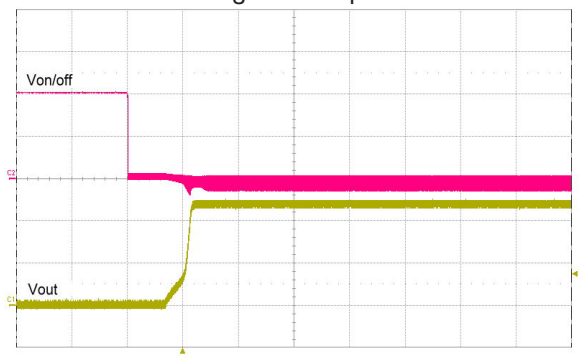
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 10 V/Div X: 5 ms/Div

Remote on/off Voltage Start-Up Characteristic

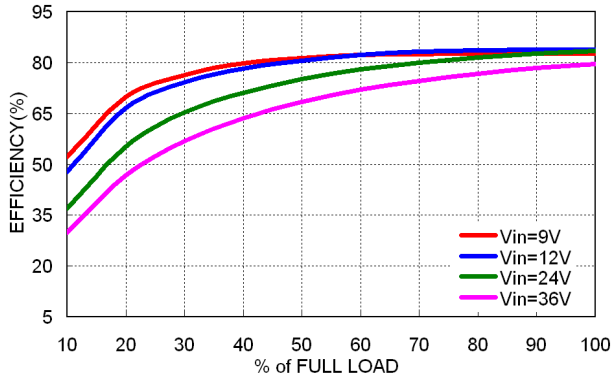


Vout: 5 V/Div Von/off: 5 V/Div X: 5 ms/Div

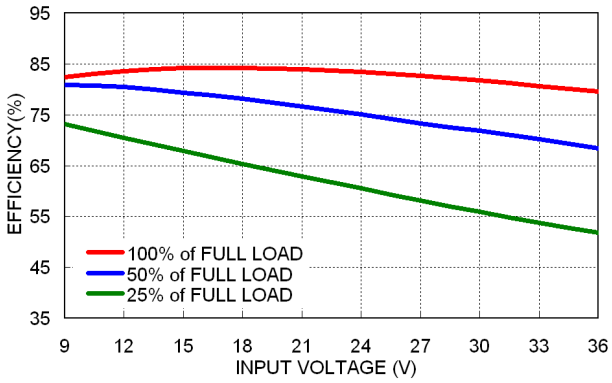
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-2423WI(SM)

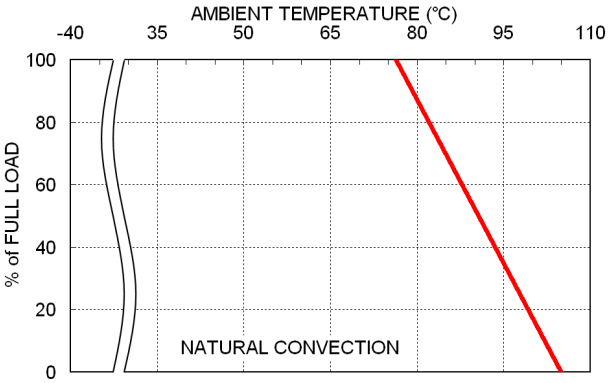
Efficiency versus Output Load



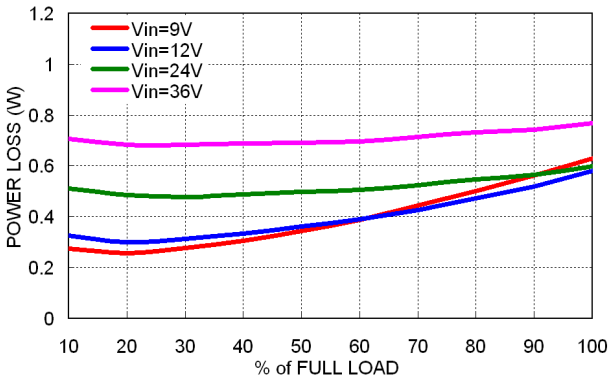
Efficiency versus Input Voltage



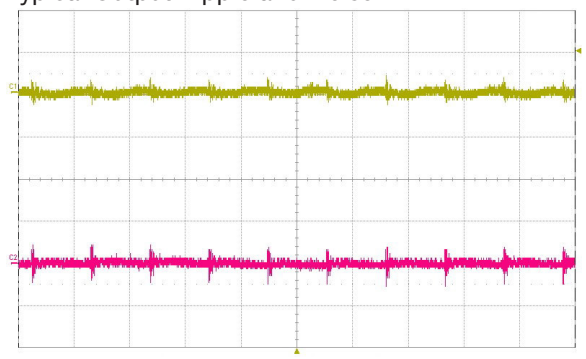
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

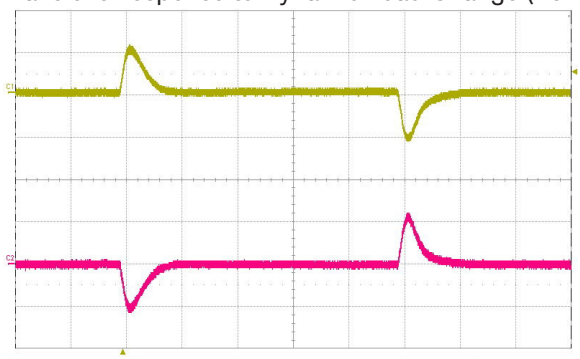


Typical Output Ripple and Noise



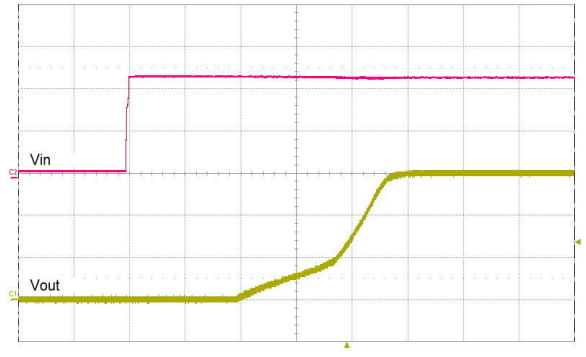
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



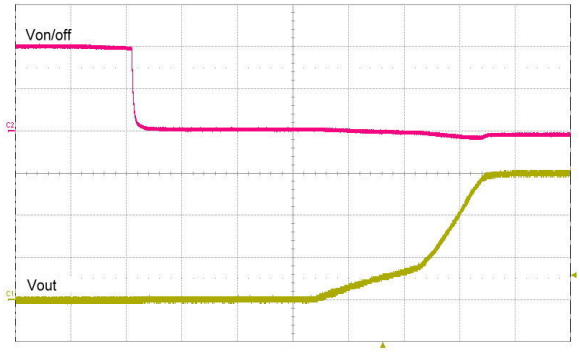
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 10 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

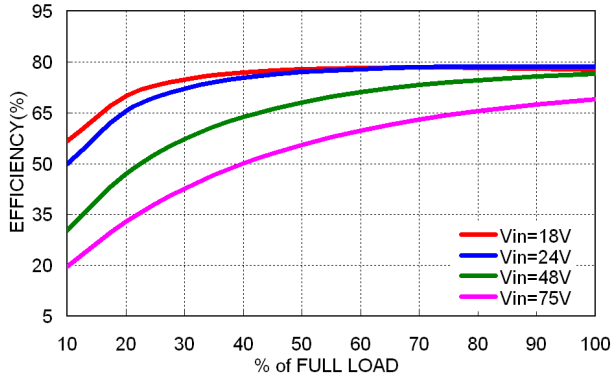


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

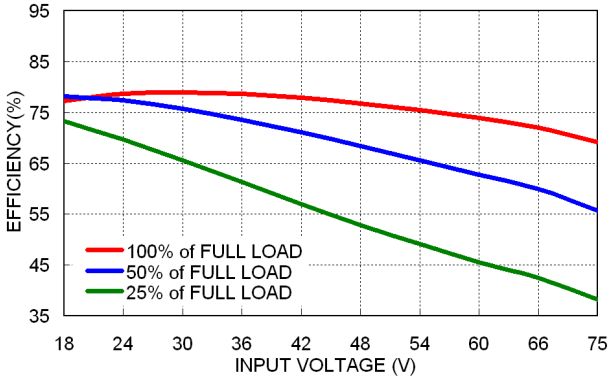
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4810WI(SM)

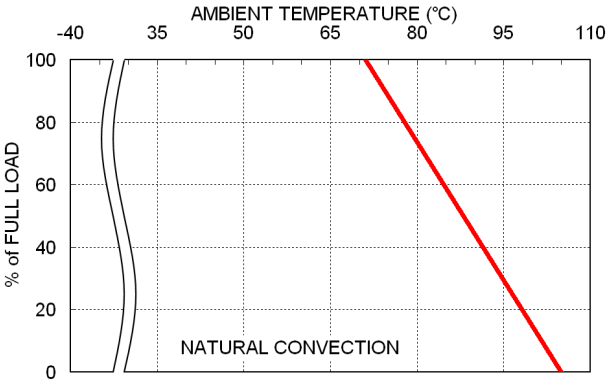
Efficiency versus Output Load



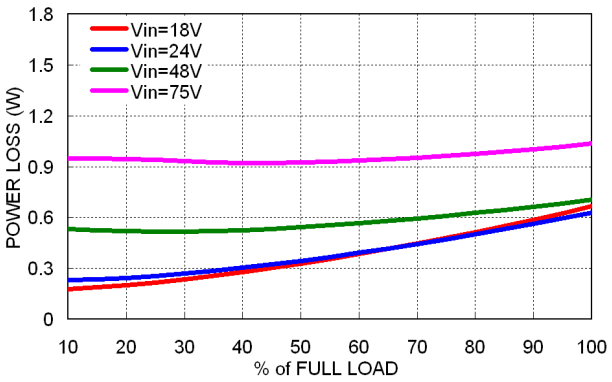
Efficiency versus Input Voltage



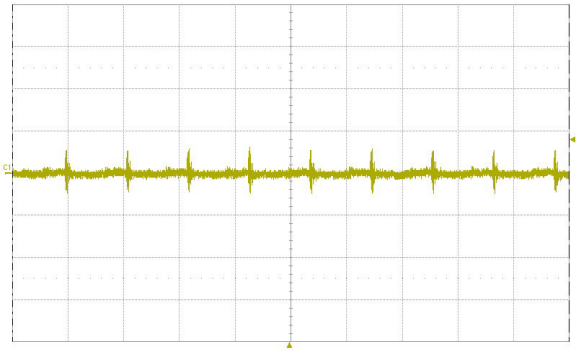
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

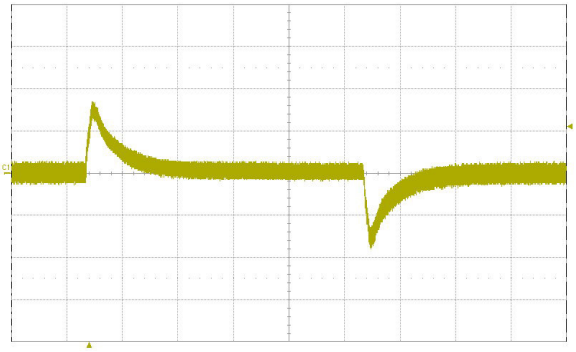


Typical Output Ripple and Noise



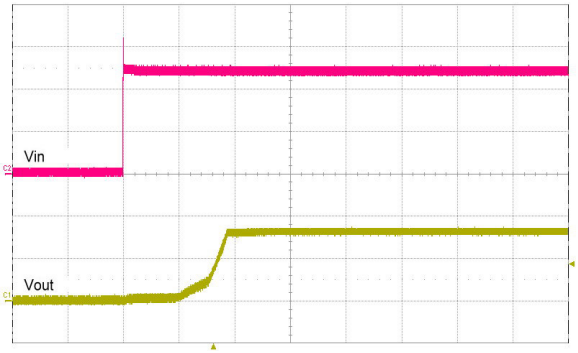
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



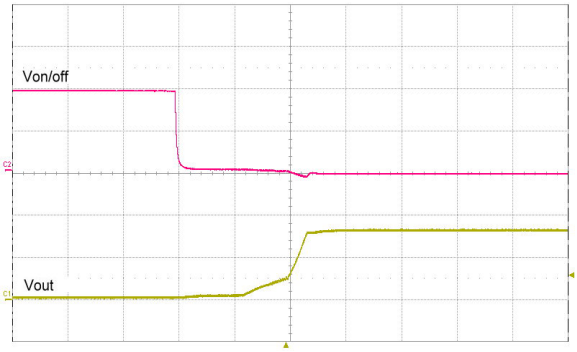
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

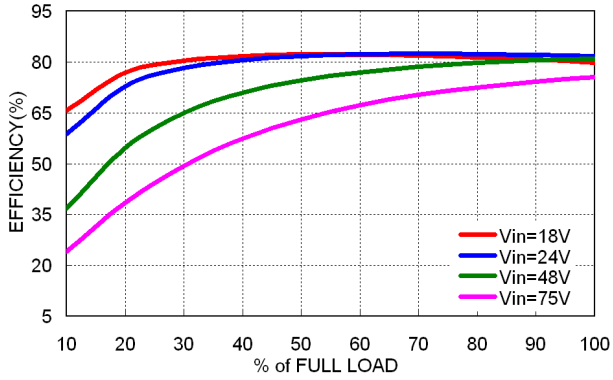


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

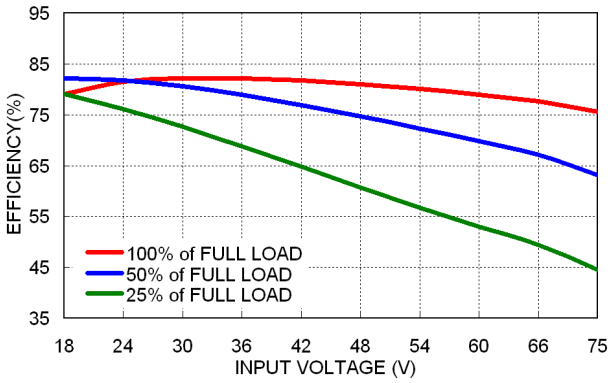
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4811WI(SM)

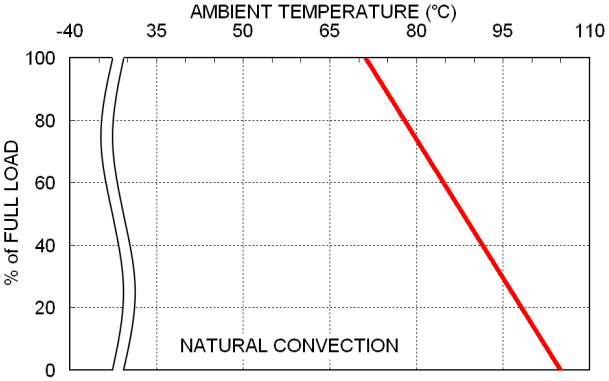
Efficiency versus Output Load



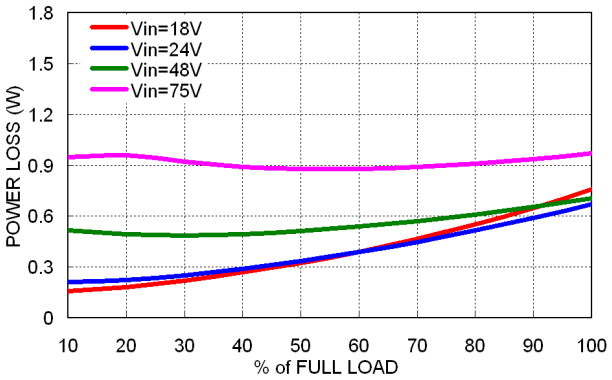
Efficiency versus Input Voltage



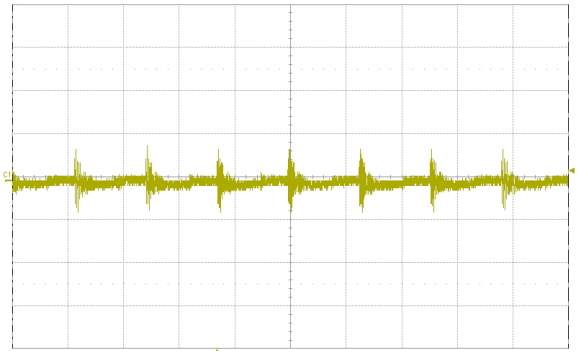
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

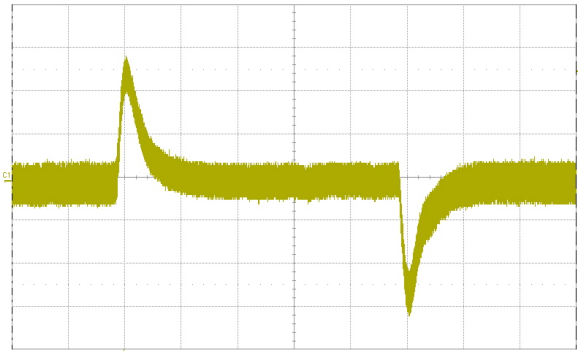


Typical Output Ripple and Noise



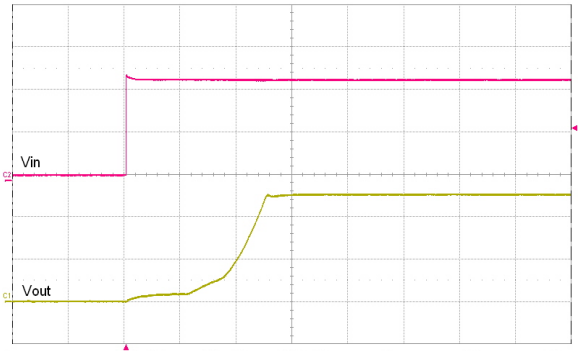
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



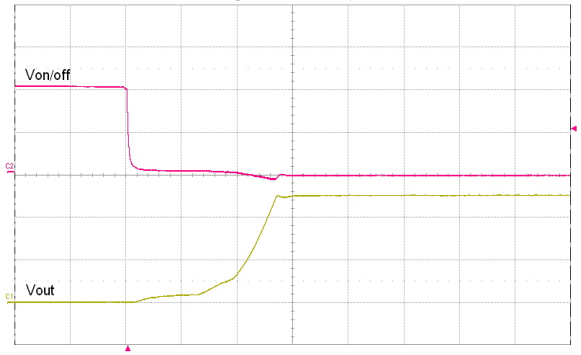
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

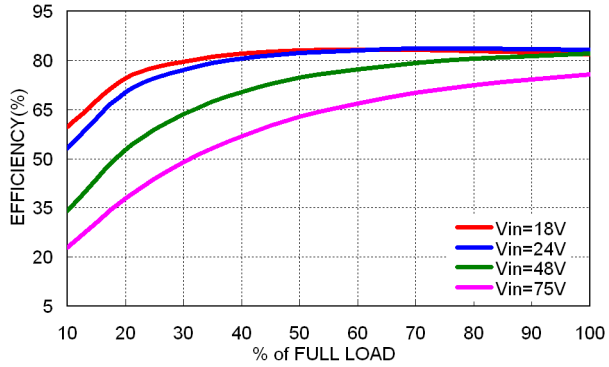


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

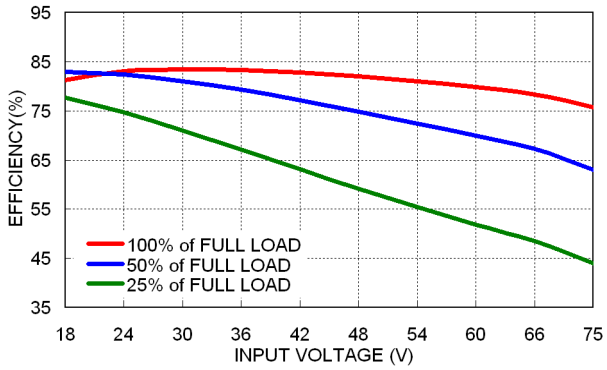
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4819WI(SM)

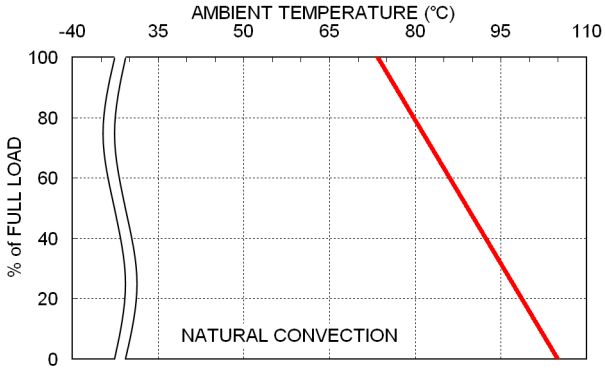
Efficiency versus Output Load



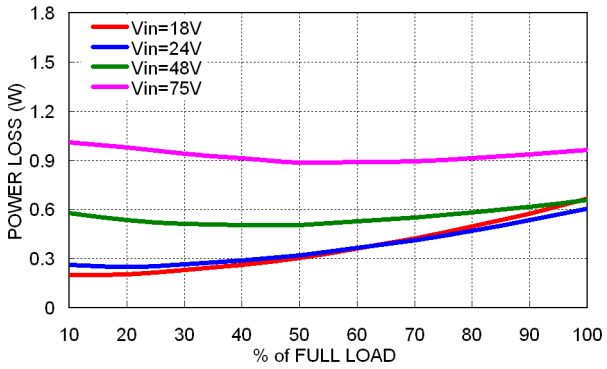
Efficiency versus Input Voltage



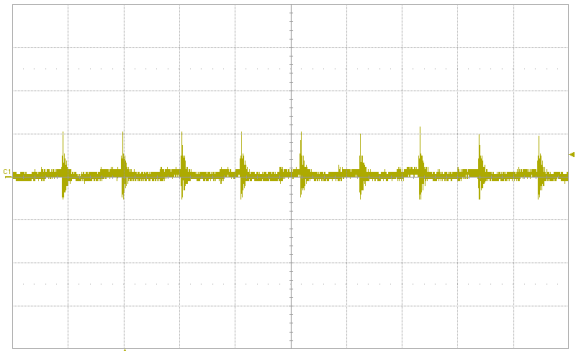
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

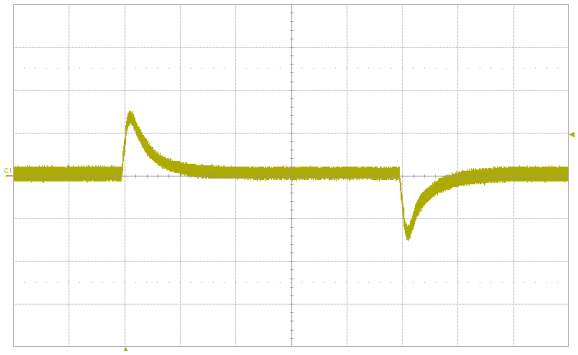


Typical Output Ripple and Noise



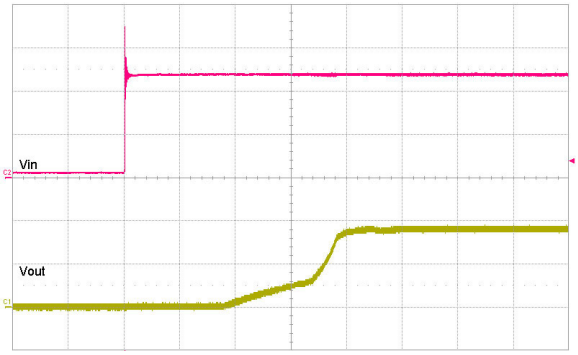
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



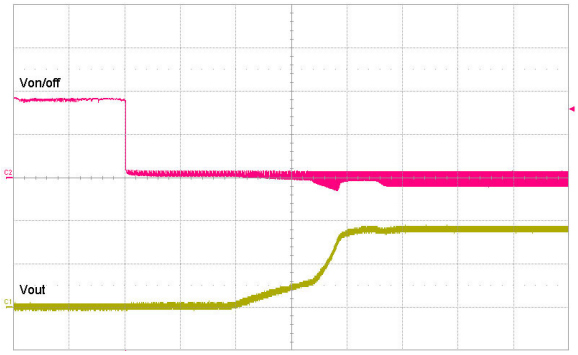
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

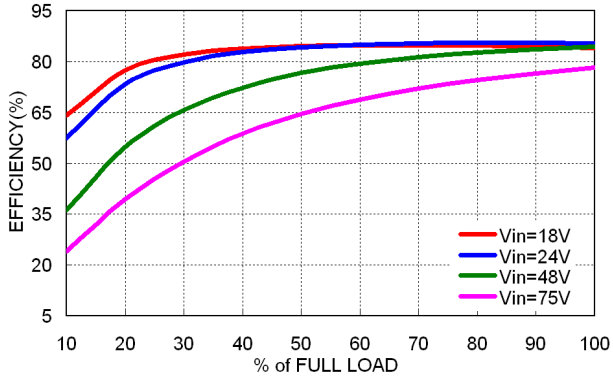


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

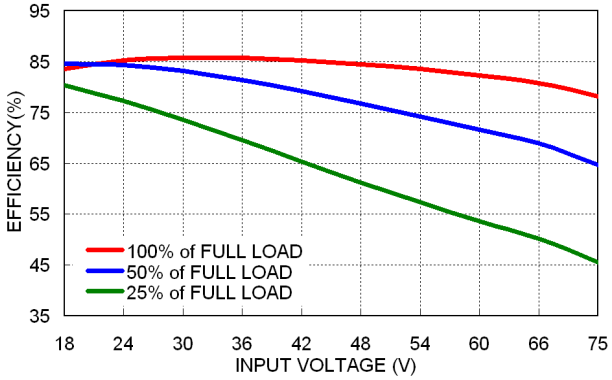
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4812WI(SM)

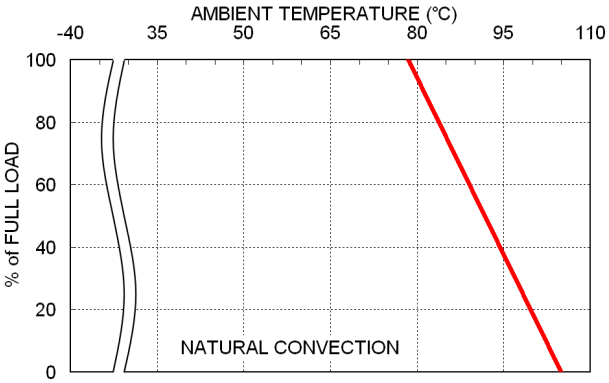
Efficiency versus Output Load



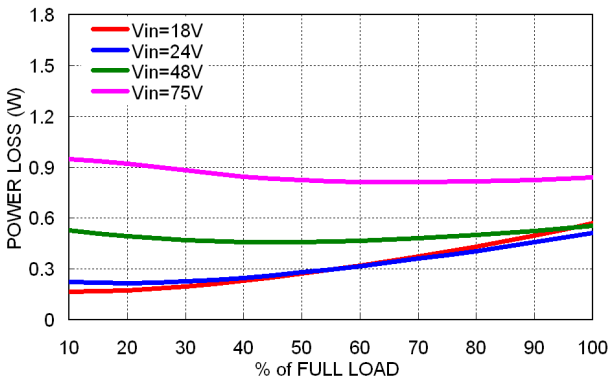
Efficiency versus Input Voltage



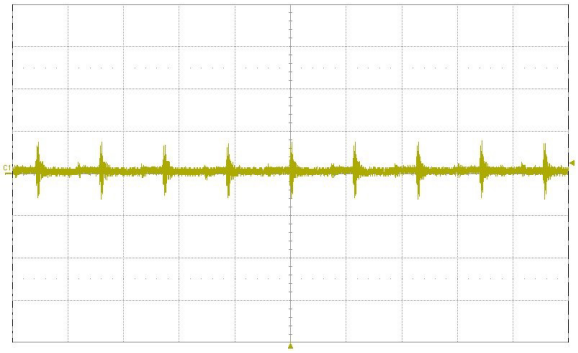
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

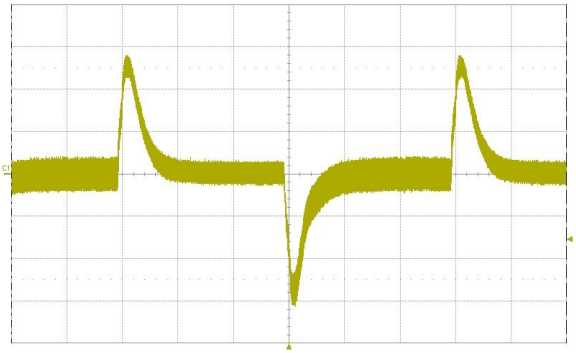


Typical Output Ripple and Noise



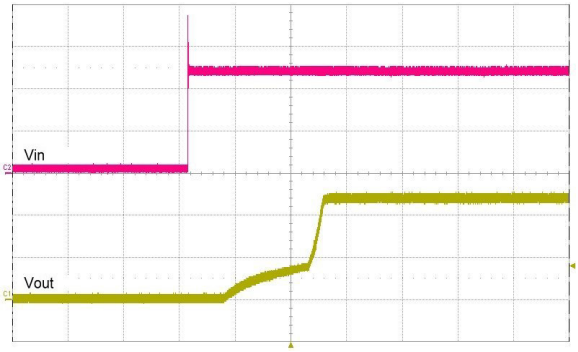
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



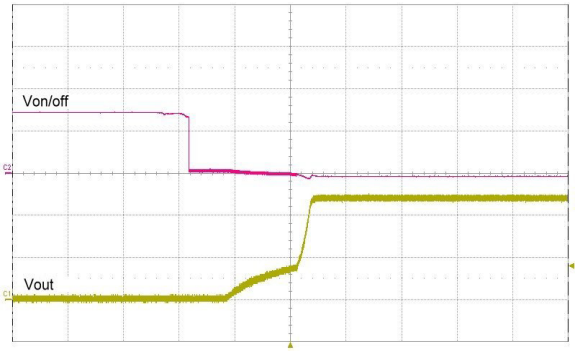
Y: 50 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 20 V/Div X: 2 ms/Div

Remote on/off Voltage Start-Up Characteristic

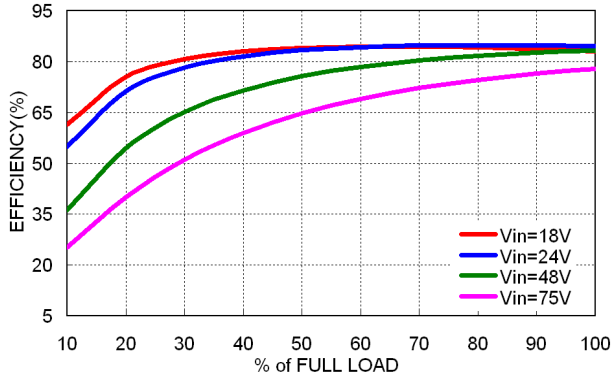


Vout: 5 V/Div Von/off: 5 V/Div X: 2 ms/Div

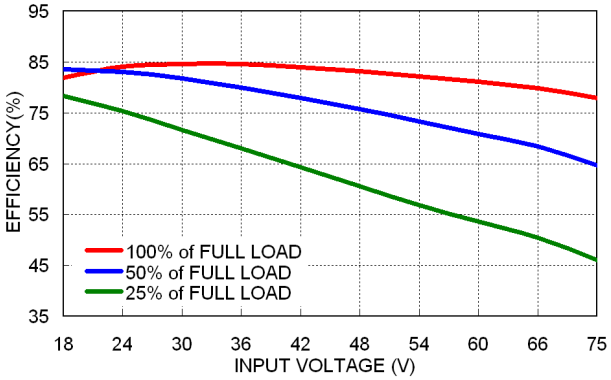
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4813WI(SM)

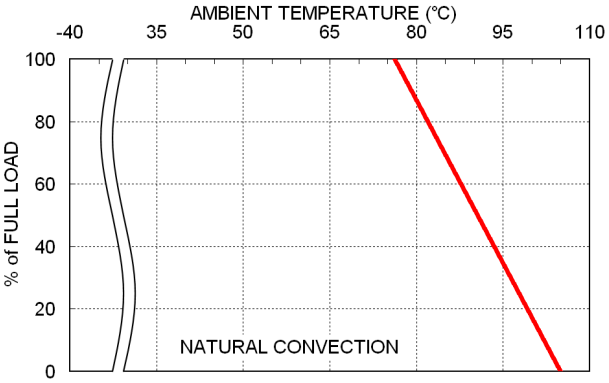
Efficiency versus Output Load



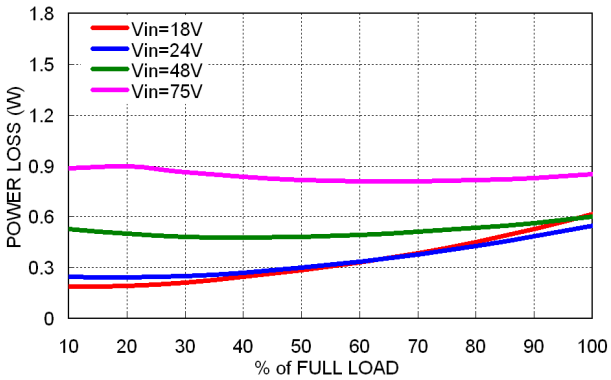
Efficiency versus Input Voltage



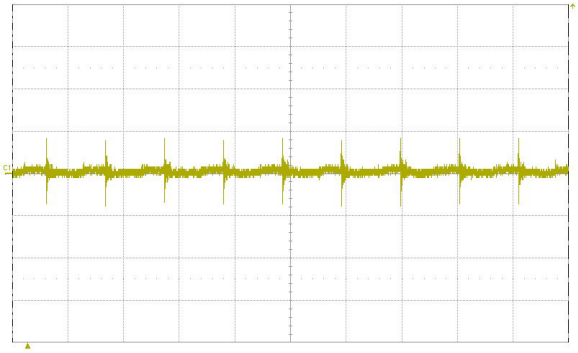
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

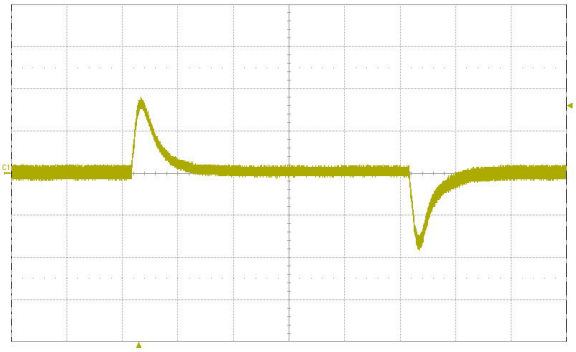


Typical Output Ripple and Noise



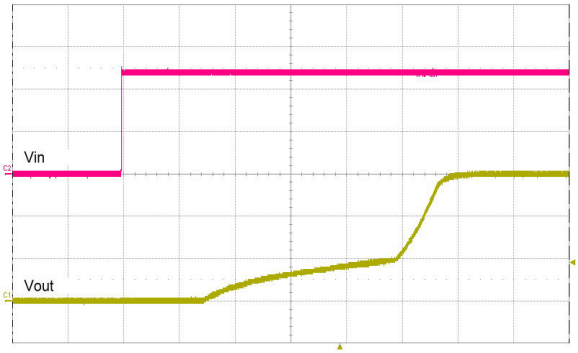
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



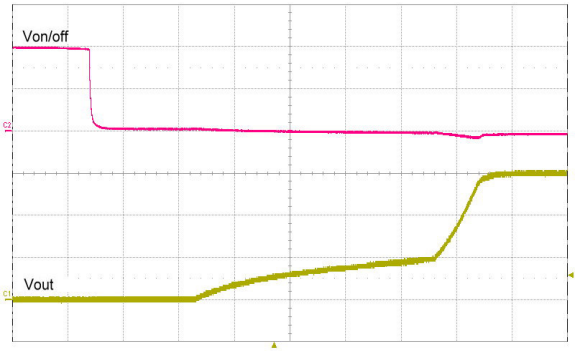
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

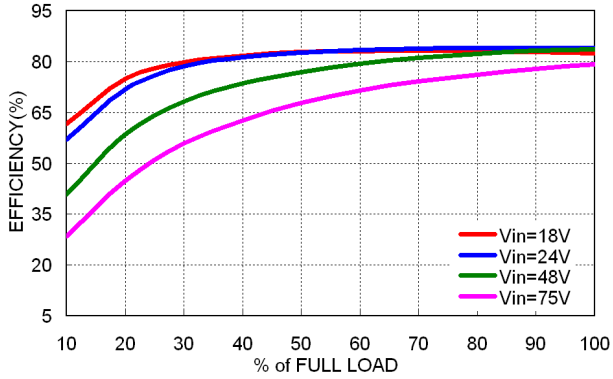


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

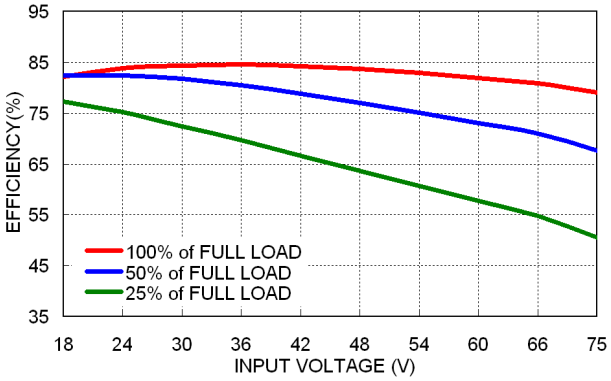
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4815WI(SM)

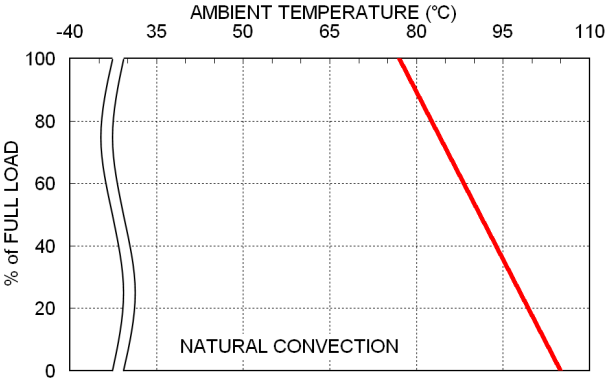
Efficiency versus Output Load



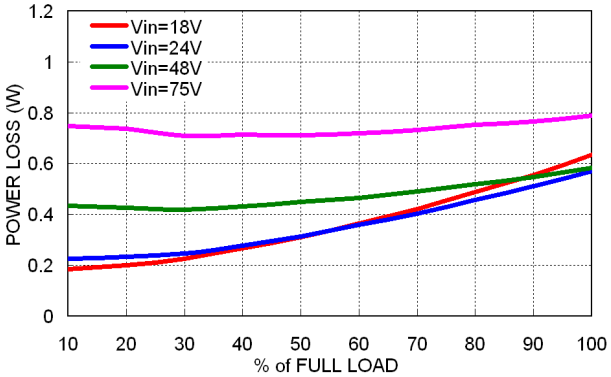
Efficiency versus Input Voltage



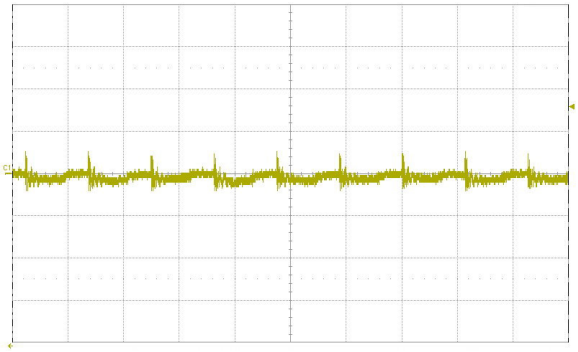
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

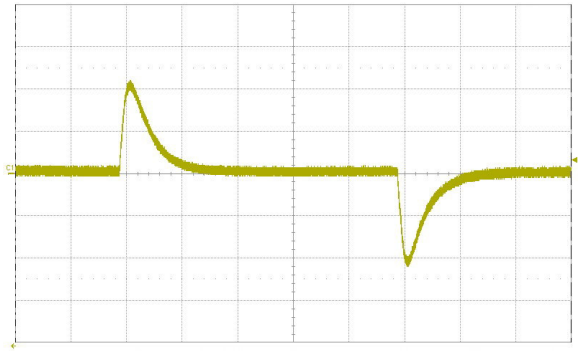


Typical Output Ripple and Noise



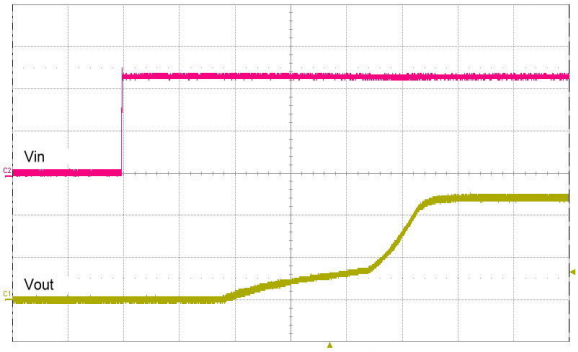
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



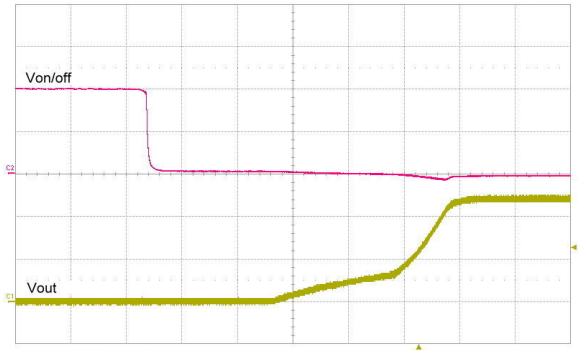
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 10 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

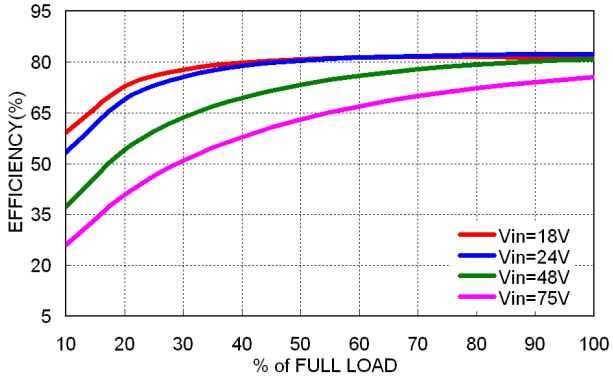


Vout: 10 V/Div Von/off: 5 V/Div X: 500 µs/Div

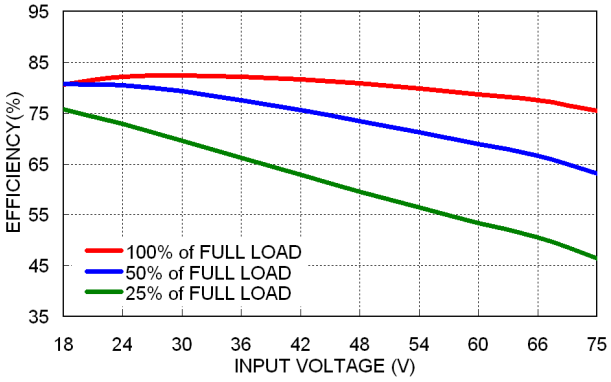
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4821WI(SM)

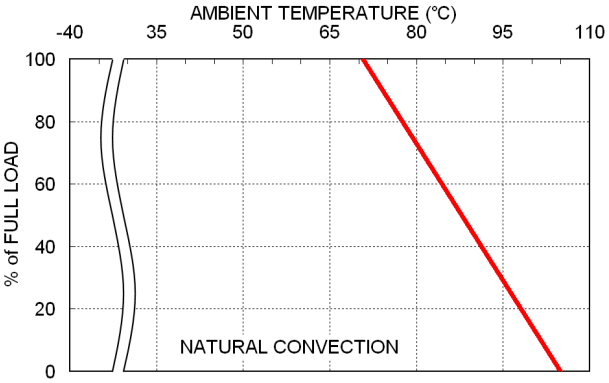
Efficiency versus Output Load



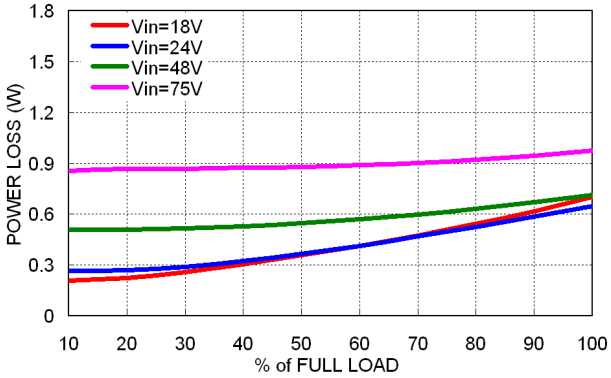
Efficiency versus Input Voltage



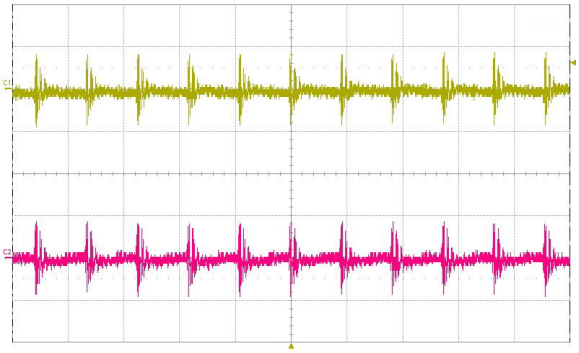
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

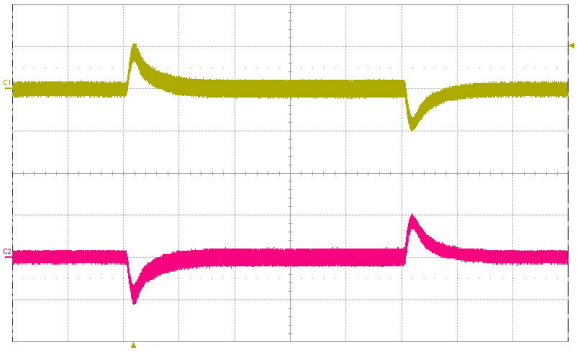


Typical Output Ripple and Noise



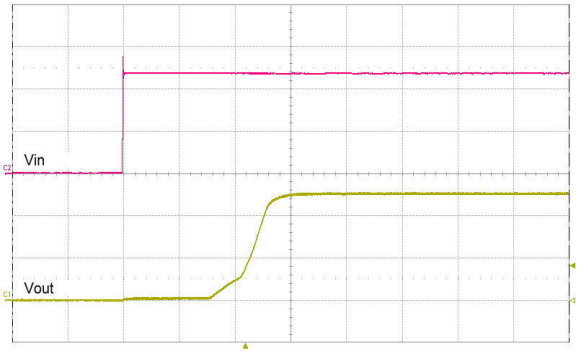
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



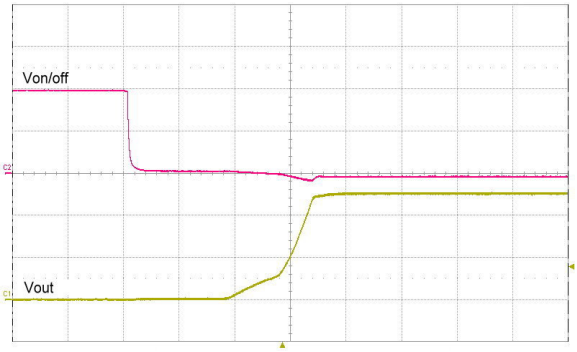
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 2 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

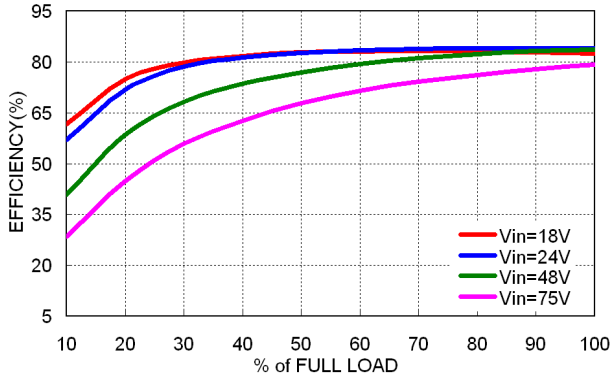


Vout: 2 V/Div Von/off: 5 V/Div X: 500 µs/Div

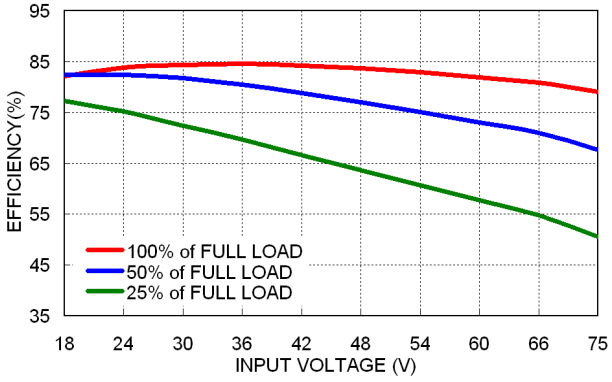
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4822WI(SM)

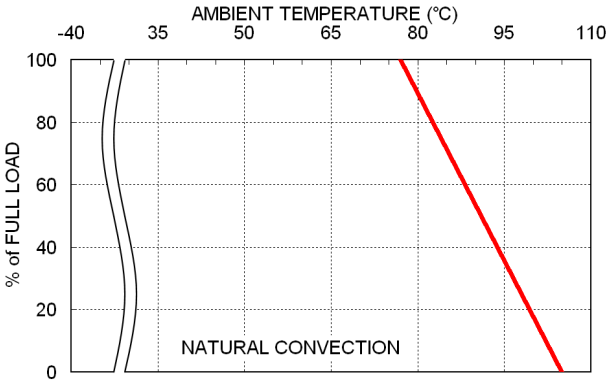
Efficiency versus Output Load



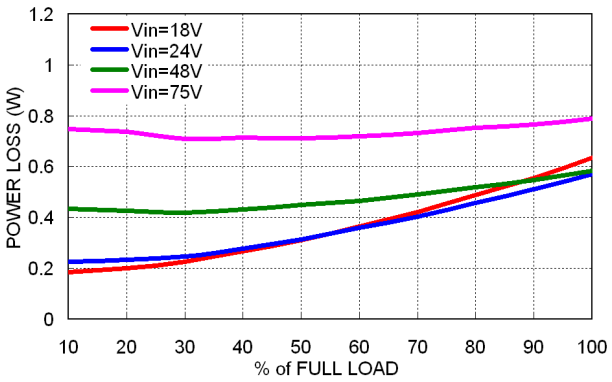
Efficiency versus Input Voltage



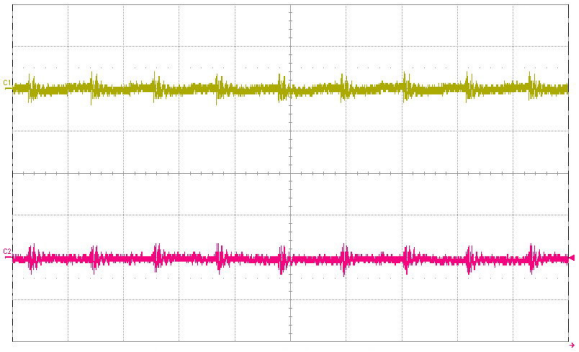
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

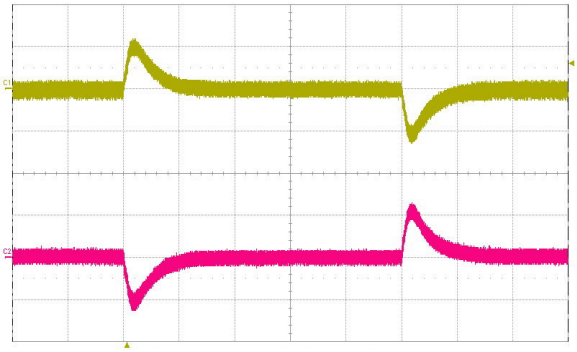


Typical Output Ripple and Noise



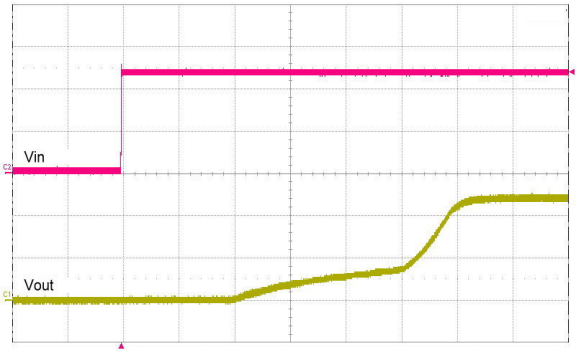
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



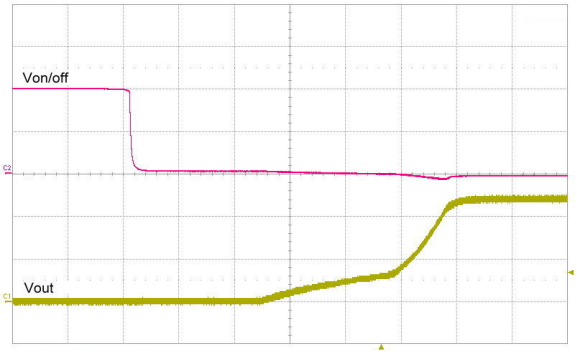
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic

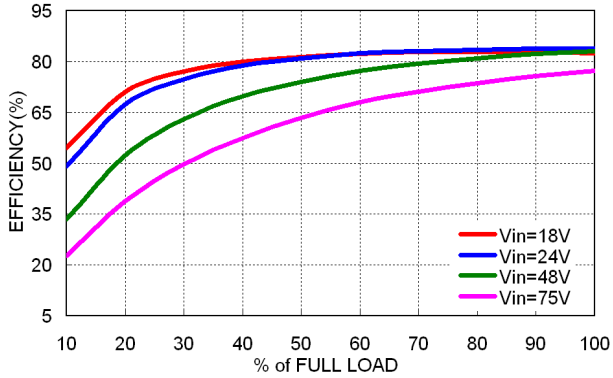


Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div

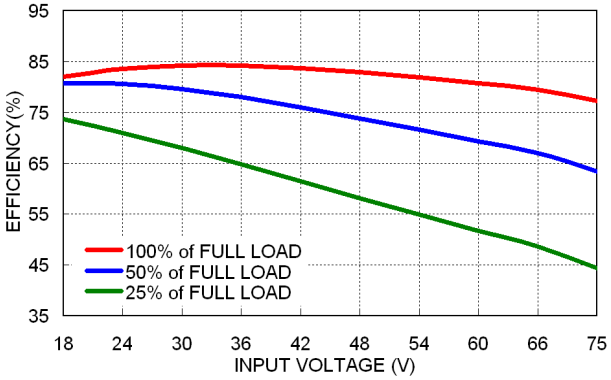
All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

TDN 3-4823WI(SM)

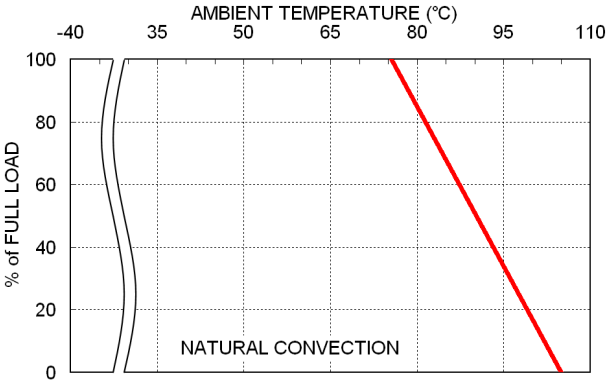
Efficiency versus Output Load



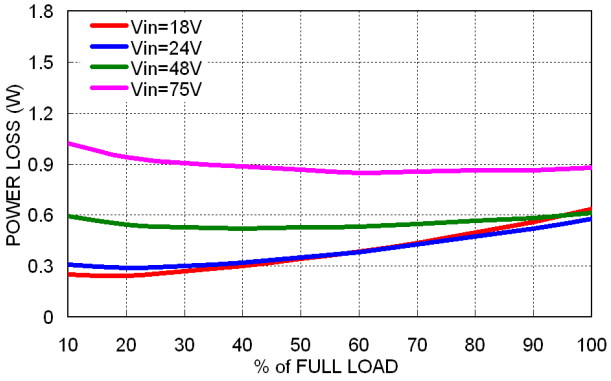
Efficiency versus Input Voltage



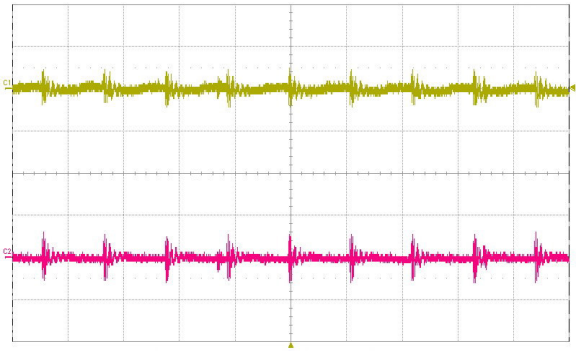
Derating Output Load versus Ambient Temperature



Power Dissipation versus Output Load

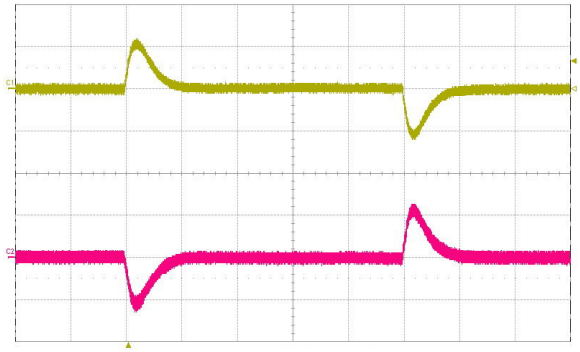


Typical Output Ripple and Noise



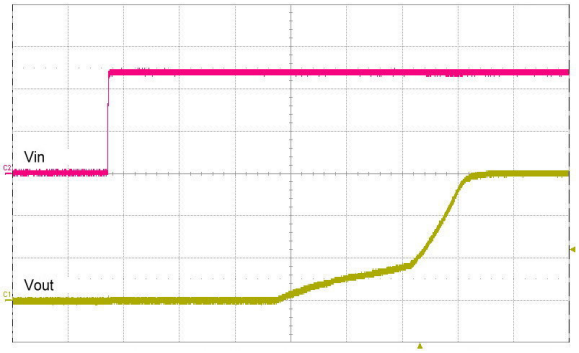
Y: 20 mV/Div X: 2 µs/Div

Transient Response to Dynamic Load Change (25%)



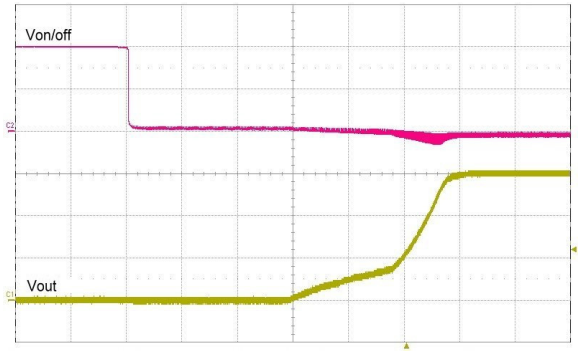
Y: 100 mV/Div X: 200 µs/Div

Typical Start-Up and Output Rise Characteristic



Vout: 5 V/Div Vin: 20 V/Div X: 500 µs/Div

Remote on/off Voltage Start-Up Characteristic



Vout: 5 V/Div Von/off: 5 V/Div X: 500 µs/Div