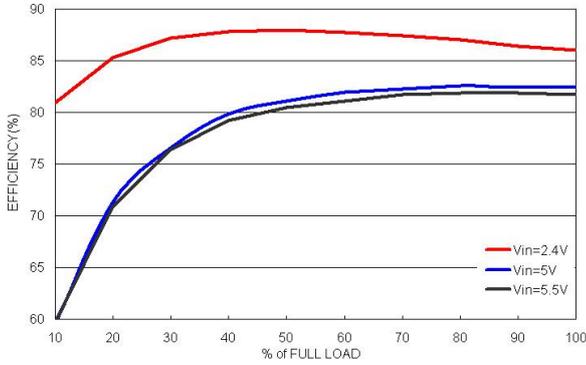


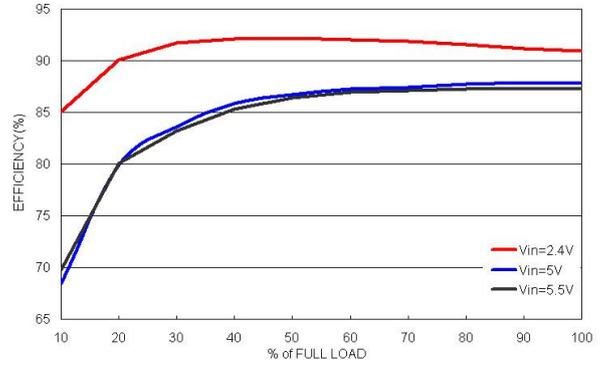
Characteristic Curves

**TOS 10-05SIL
TOS 10-05SM**

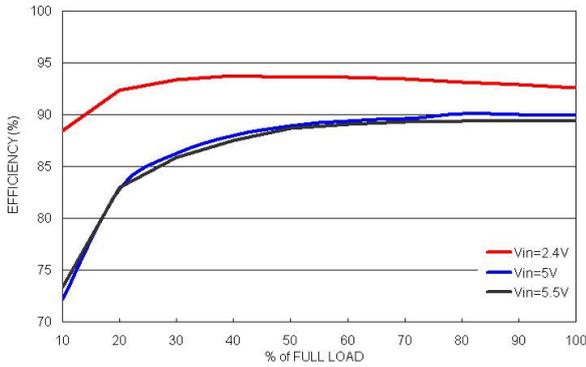
Efficiency versus Output Load at Vout = 0.75 V



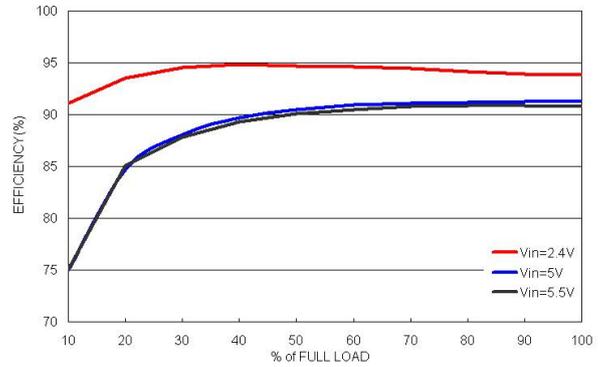
Efficiency versus Output Load at Vout = 1.2 V



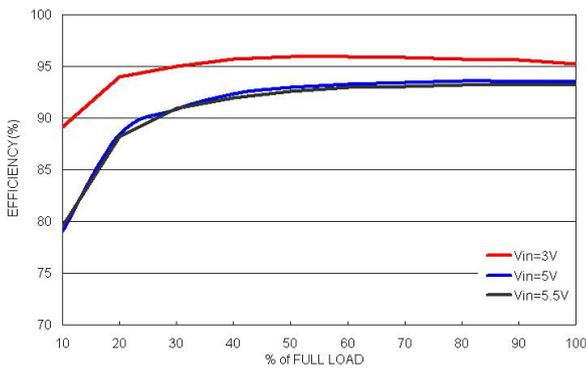
Efficiency versus Output Load at Vout = 1.5 V



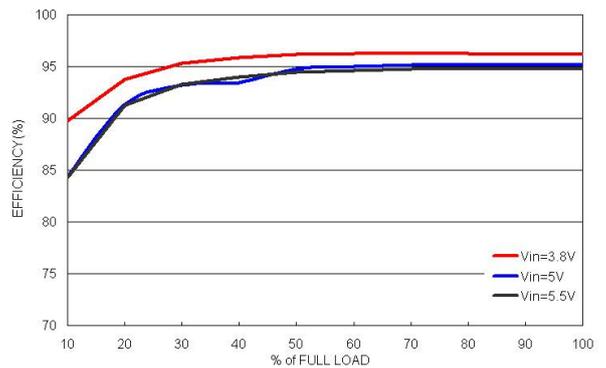
Efficiency versus Output Load at Vout = 1.8 V



Efficiency versus Output Load at Vout = 2.5 V

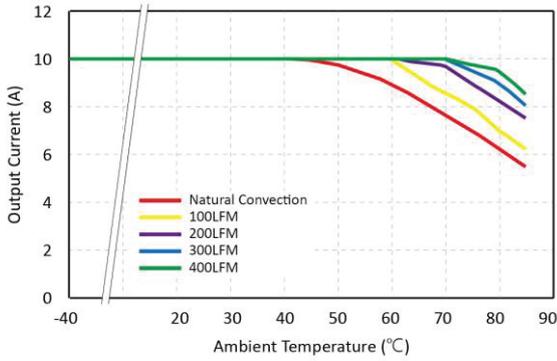


Efficiency versus Output Load at Vout = 3.3 V

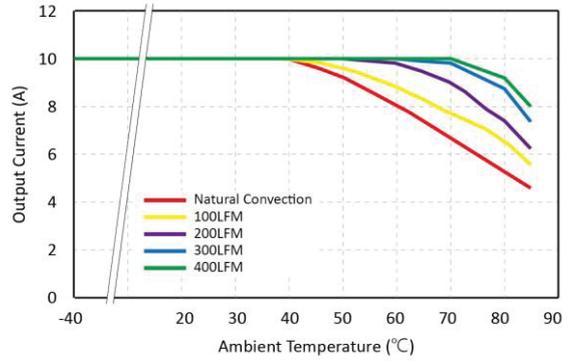


TOS 10-05SIL TOS 10-05SM

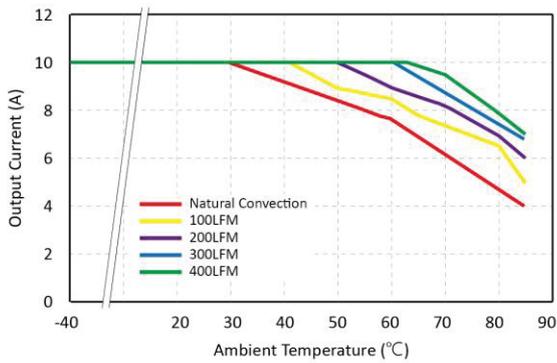
Derating Output Load versus Ambient Temperature at $V_{out} = 0.75\text{ V}$



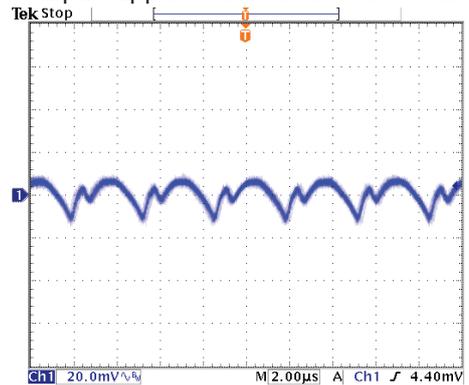
Derating Output Load versus Ambient Temperature at $V_{out} = 1.8\text{ V}$



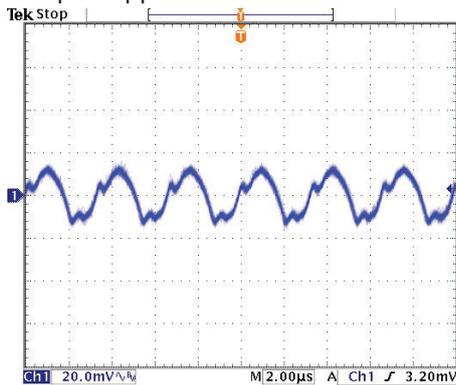
Derating Output Load versus Ambient Temperature at $V_{out} = 3.3\text{ V}$



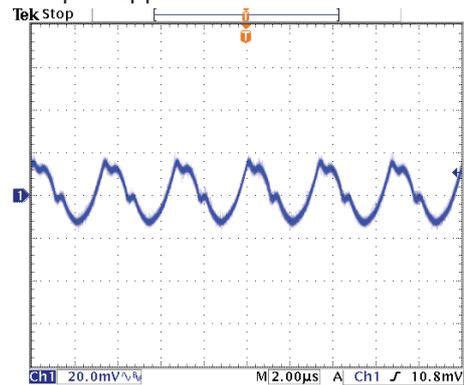
Typical Output Ripple and Noise at $V_{out} = 0.75\text{ V}$



Typical Output Ripple and Noise at $V_{out} = 1.8\text{ V}$



Typical Output Ripple and Noise at $V_{out} = 3.3\text{ V}$

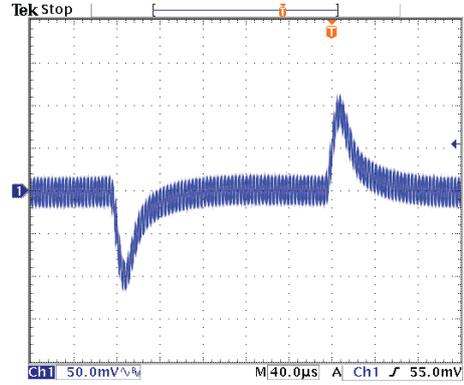


TOS 10-05SIL TOS 10-05SM

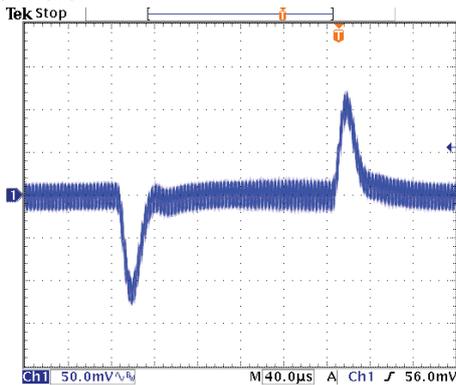
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 1.8\text{ V}$



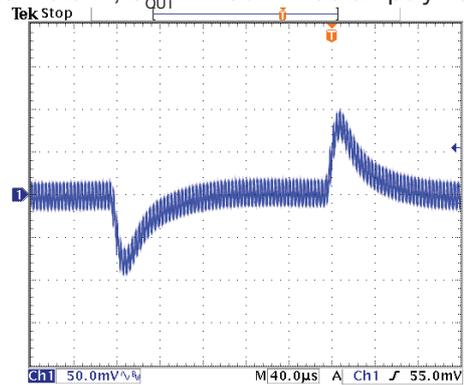
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 2.5\text{ V}$



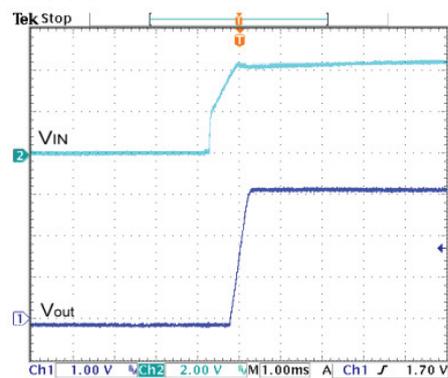
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$



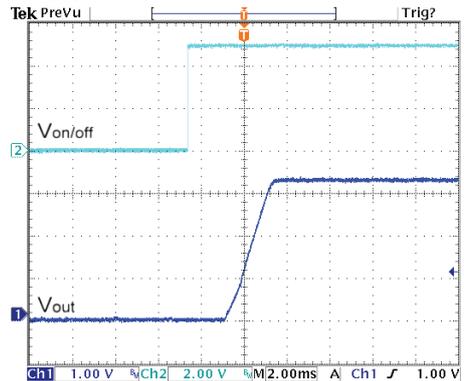
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$; $C_{OUT} = 150 // 150\text{ uF}$ polymerCap.



Typical Start-Up and Output Rise Characteristic
at $V_{out} = 3.3\text{ V}$

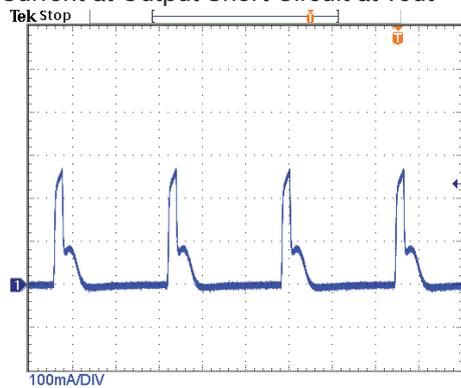


Remote on/off Voltage Start-Up Characteristic
at $V_{out} = 3.3\text{ V}$



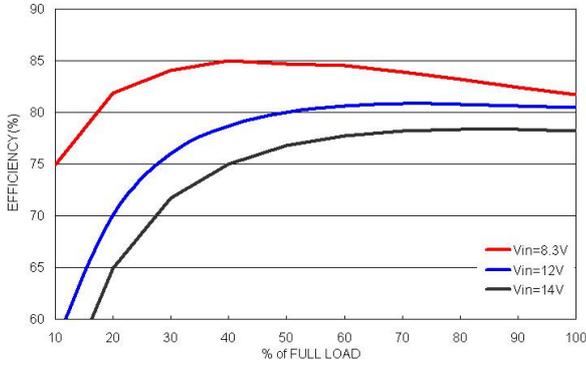
TOS 10-05SIL
TOS 10-05SM

Input Current at Output Short Circuit at $V_{out} = 3.3\text{ V}$

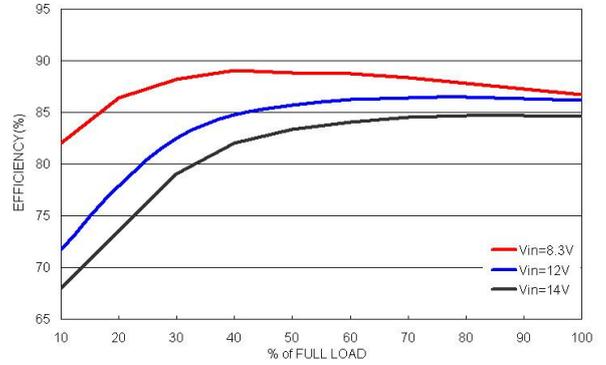


**TOS 10-12SIL
TOS 10-12SM**

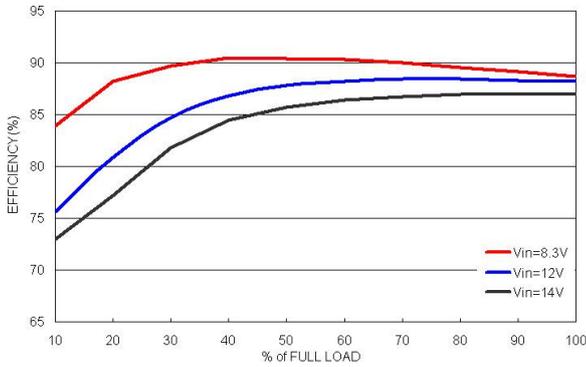
Efficiency versus Output Load at Vout = 0.75 V



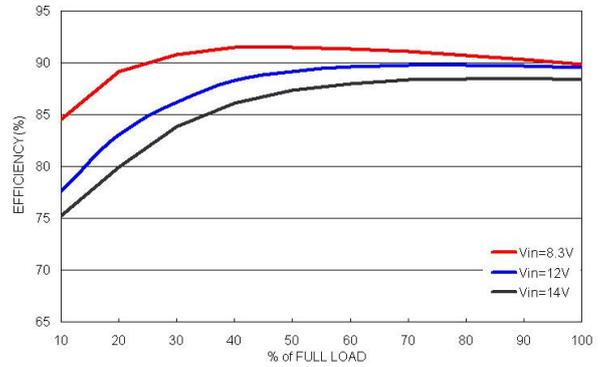
Efficiency versus Output Load at Vout = 1.2 V



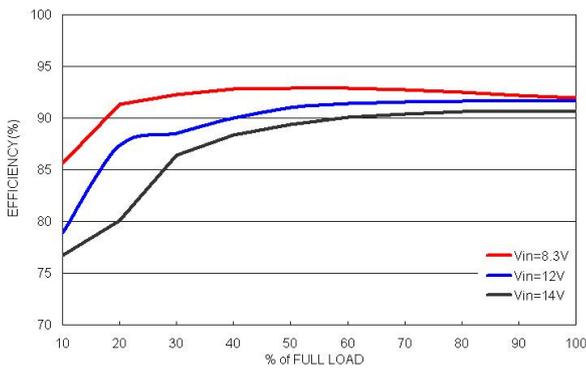
Efficiency versus Output Load at Vout = 1.5 V



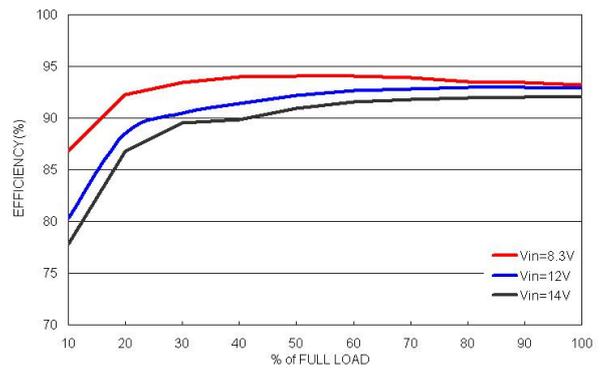
Efficiency versus Output Load at Vout = 1.8 V



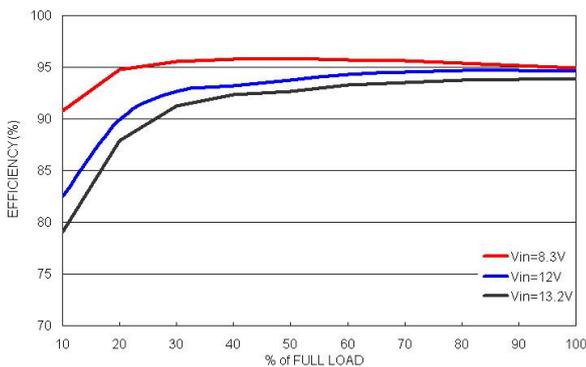
Efficiency versus Output Load at Vout = 2.5 V



Efficiency versus Output Load at Vout = 3.3 V

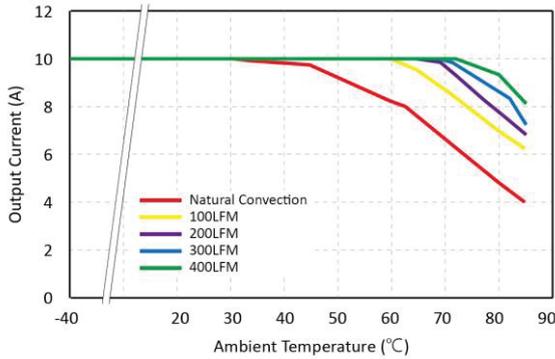


Efficiency versus Output Load at Vout = 5 V

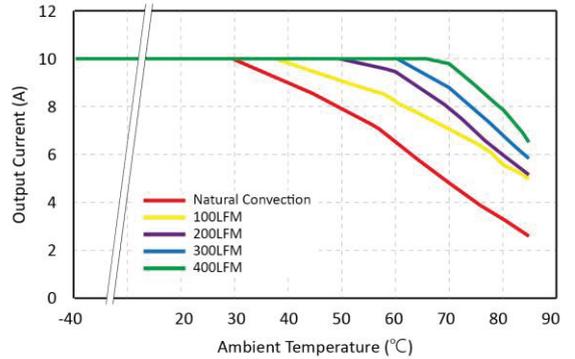


TOS 10-12SIL TOS 10-12SM

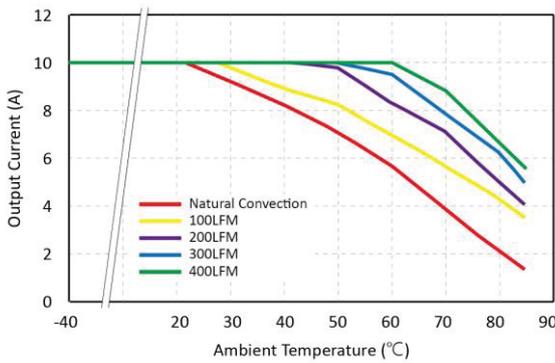
Derating Output Load versus Ambient Temperature at $V_{out} = 0.75\text{ V}$



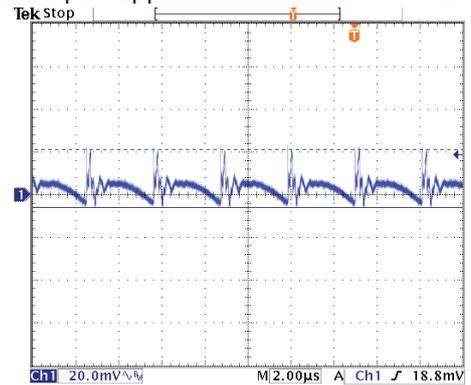
Derating Output Load versus Ambient Temperature at $V_{out} = 3.3\text{ V}$



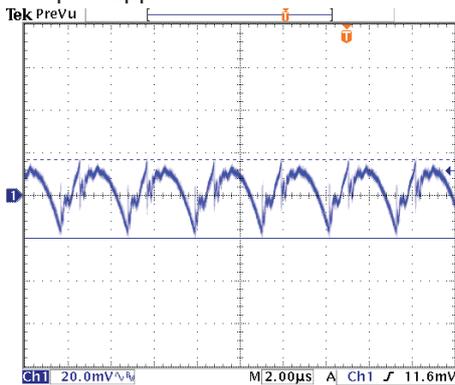
Derating Output Load versus Ambient Temperature at $V_{out} = 5.0\text{ V}$



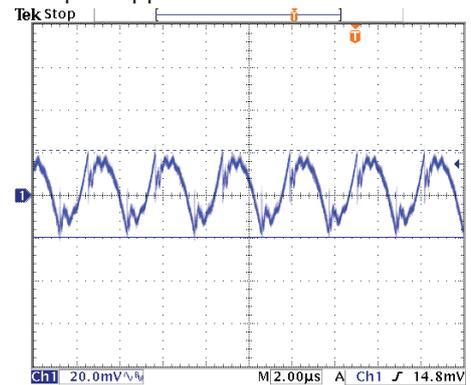
Typical Output Ripple and Noise at $V_{out} = 0.75\text{ V}$



Typical Output Ripple and Noise at $V_{out} = 3.3\text{ V}$

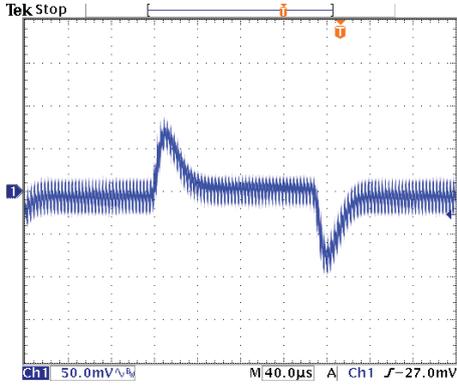


Typical Output Ripple and Noise at $V_{out} = 5.0\text{ V}$

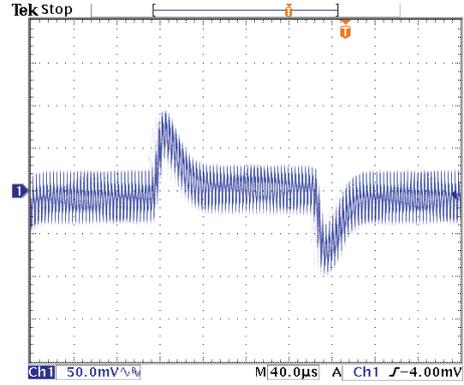


TOS 10-12SIL TOS 10-12SM

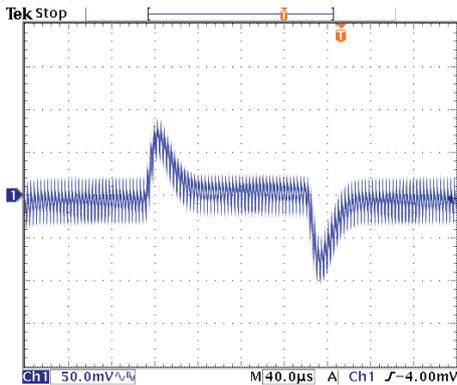
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 1.8\text{ V}$



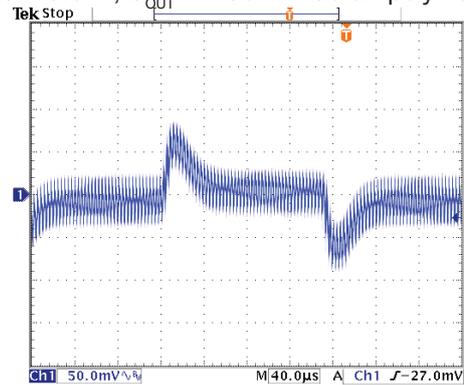
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$



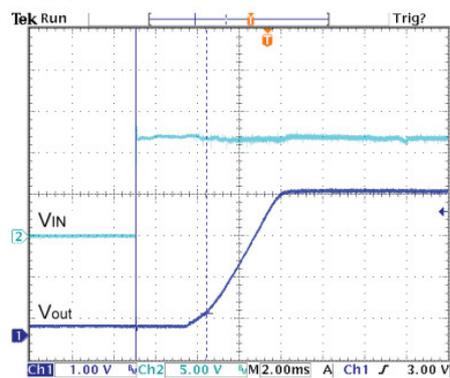
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 5.0\text{ V}$



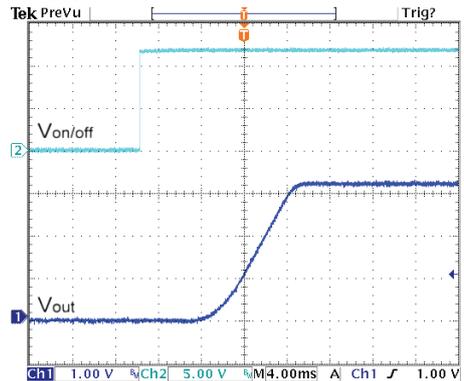
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 5.0\text{ V}$; $C_{OUT} = 150 // 150\text{ }\mu\text{F}$ polymerCap.



Typical Start-Up and Output Rise Characteristic
at $V_{out} = 3.3\text{ V}$



Remote on/off Voltage Start-Up Characteristic
at $V_{out} = 3.3\text{ V}$



TOS 10-12SIL
TOS 10-12SM

Input Current at Output Short Circuit at $V_{out} = 3.3\text{ V}$

