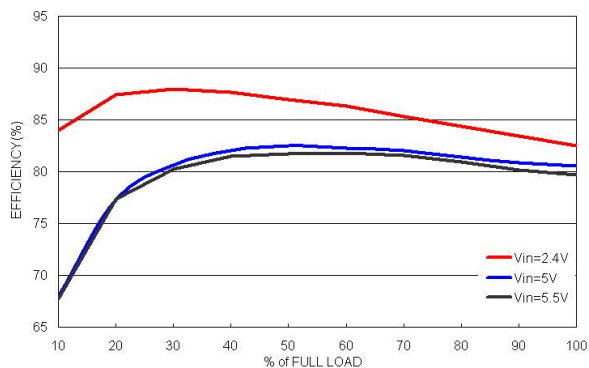
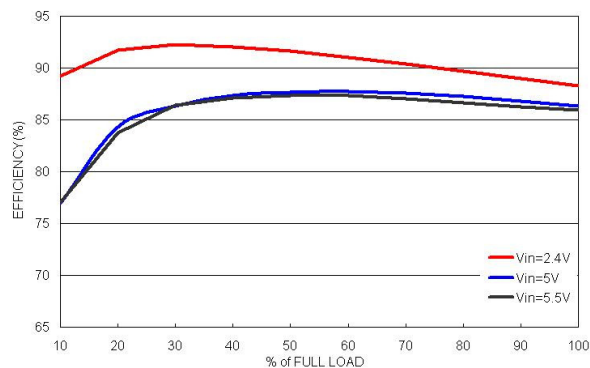
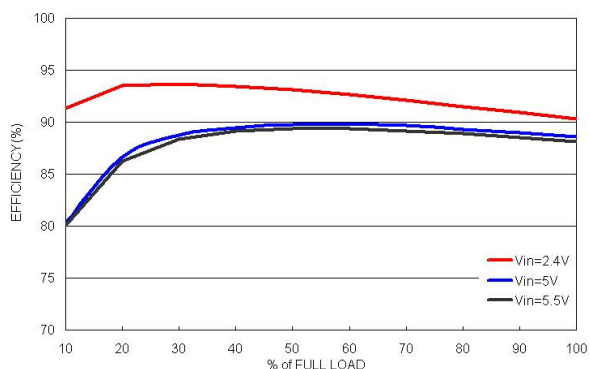
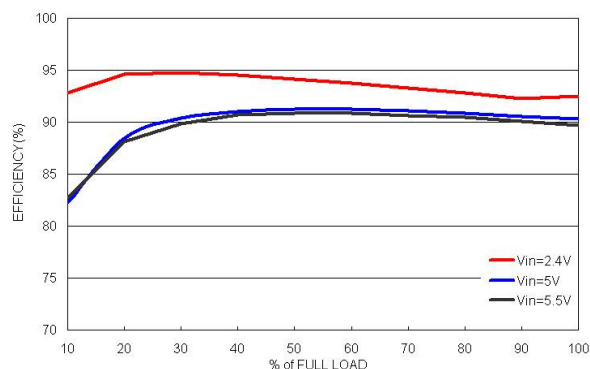
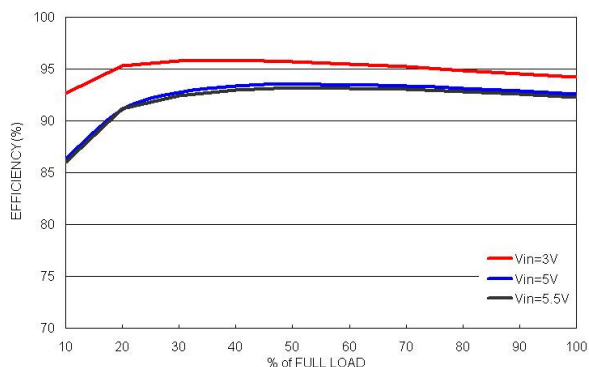
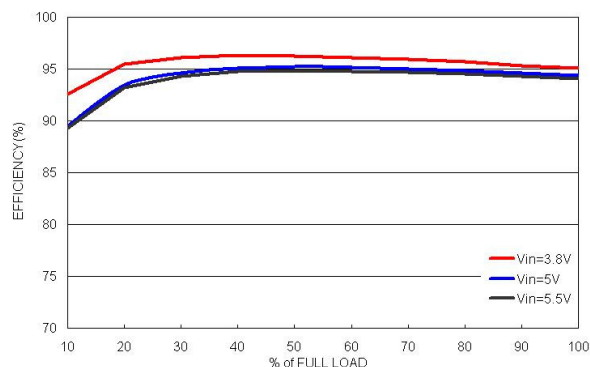
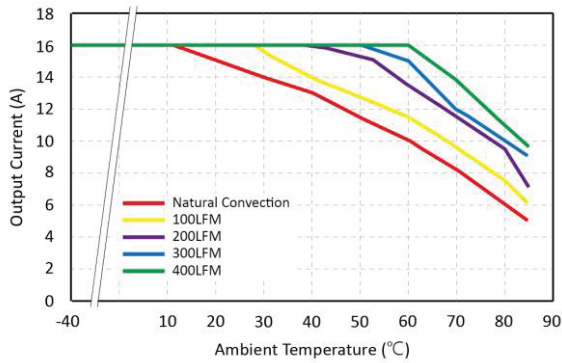


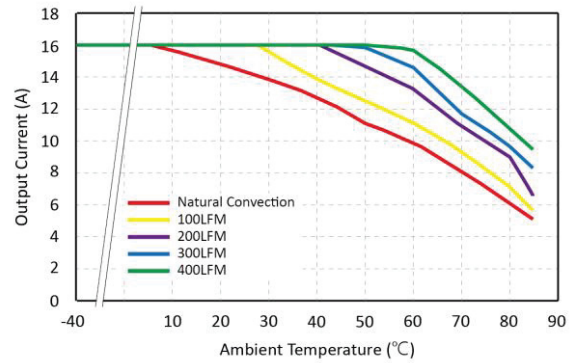
Characteristic Curves
**TOS 16-05SIL
TOS 16-05SM**
Efficiency versus Output Load at $V_{out} = 0.75\text{ V}$

Efficiency versus Output Load at $V_{out} = 1.2\text{ V}$

Efficiency versus Output Load at $V_{out} = 1.5\text{ V}$

Efficiency versus Output Load at $V_{out} = 1.8\text{ V}$

Efficiency versus Output Load at $V_{out} = 2.5\text{ V}$

Efficiency versus Output Load at $V_{out} = 3.3\text{ V}$


TOS 16-05SIL TOS 16-05SM

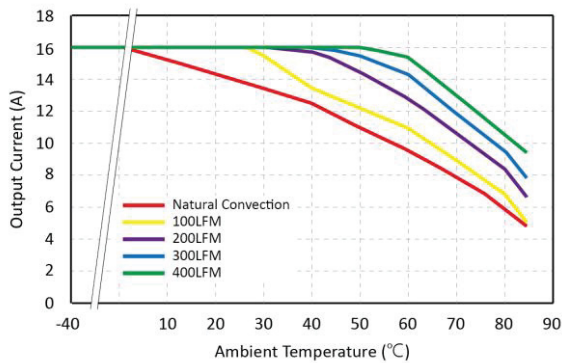
Derating Output Load versus Ambient Temperature
at $V_{out} = 0.75\text{ V}$



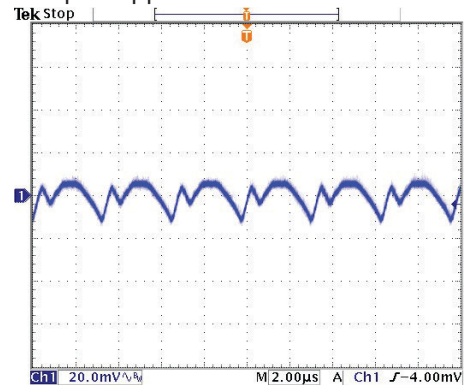
Derating Output Load versus Ambient Temperature
at $V_{out} = 1.8\text{ V}$



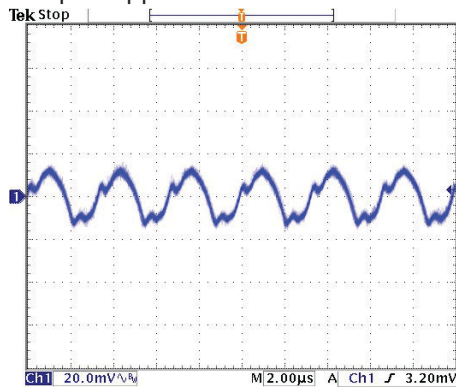
Derating Output Load versus Ambient Temperature
at $V_{out} = 3.3\text{ V}$



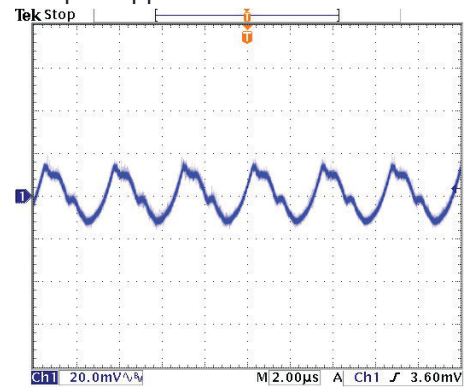
Typical Output Ripple and Noise at $V_{out} = 0.75\text{ V}$



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

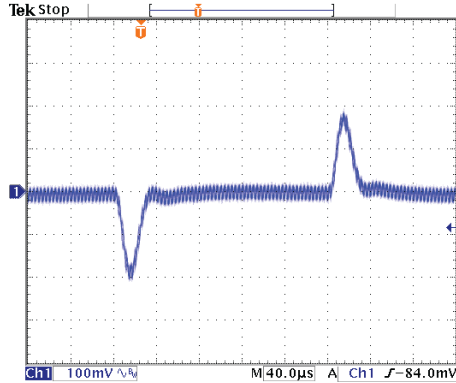


Typical Output Ripple and Noise at $V_{out} = 3.3\text{ V}$

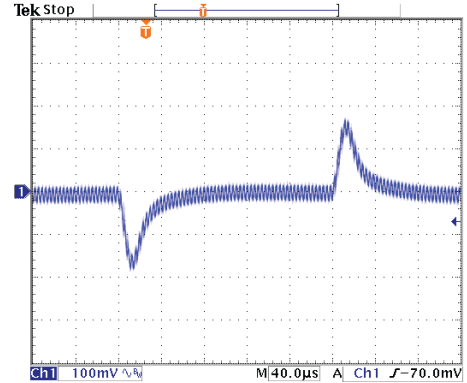


TOS 16-05SIL TOS 16-05SM

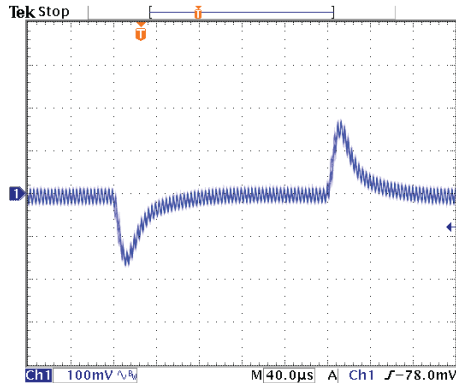
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 1.8\text{ V}$



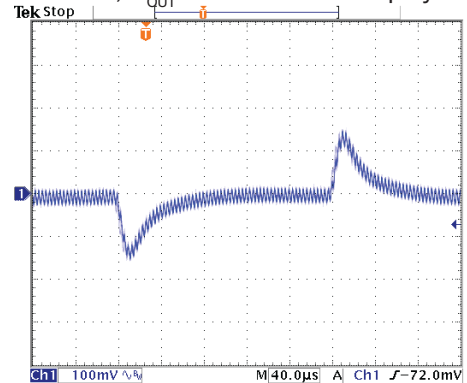
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 2.5\text{ V}$



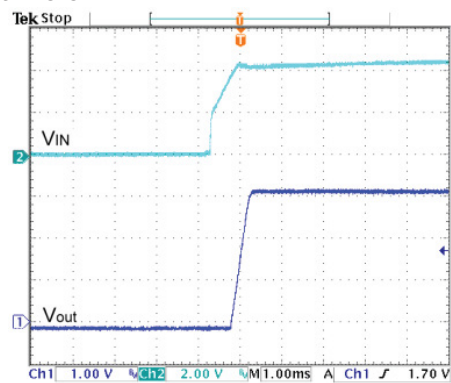
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$



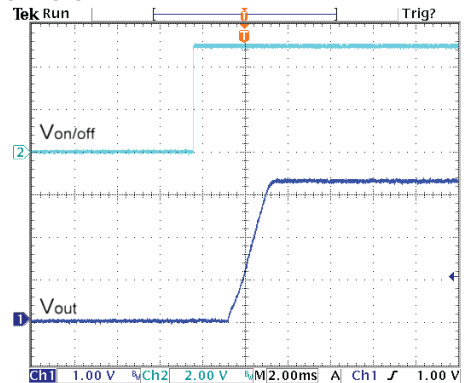
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$; $C_{OUT} = 150 // 150\text{ uF polymerCap.}$

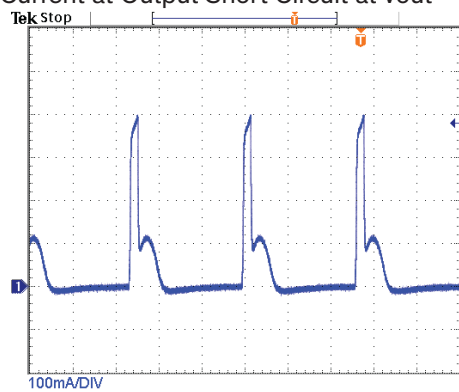


Typical Start-Up and Output Rise Characteristic
at $V_{out} = 3.3\text{ V}$



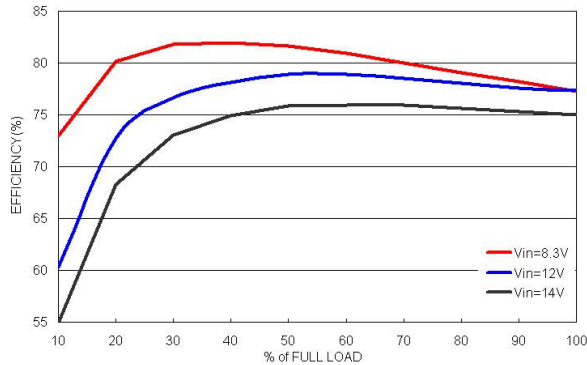
Remote on/off Voltage Start-Up Characteristic
at $V_{out} = 3.3\text{ V}$



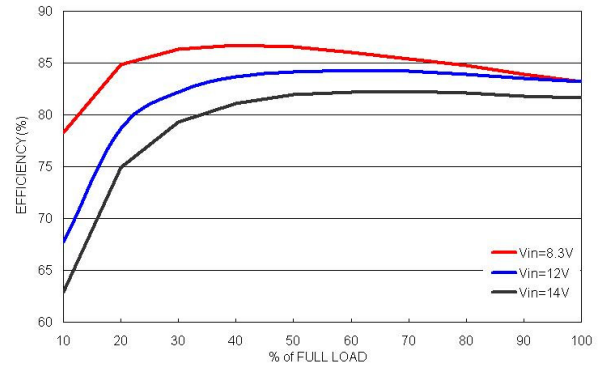
TOS 16-05SIL**TOS 16-05SM**Input Current at Output Short Circuit at $V_{out} = 3.3\text{ V}$ 

TOS 16-12SIL
TOS 16-12SM

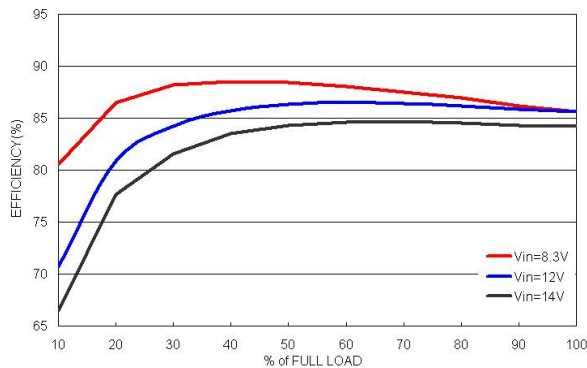
Efficiency versus Output Load at Vout = 0.75 V



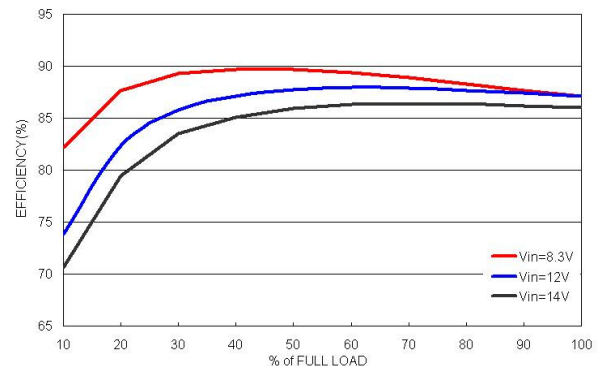
Efficiency versus Output Load at Vout = 1.2 V



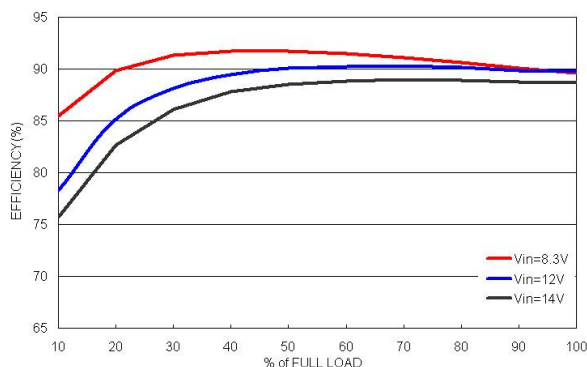
Efficiency versus Output Load at Vout = 1.5 V



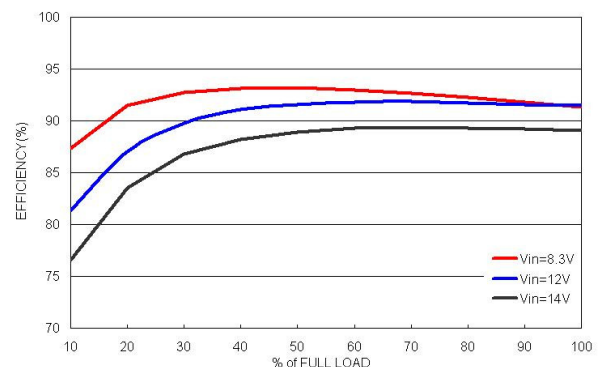
Efficiency versus Output Load at Vout = 1.8 V



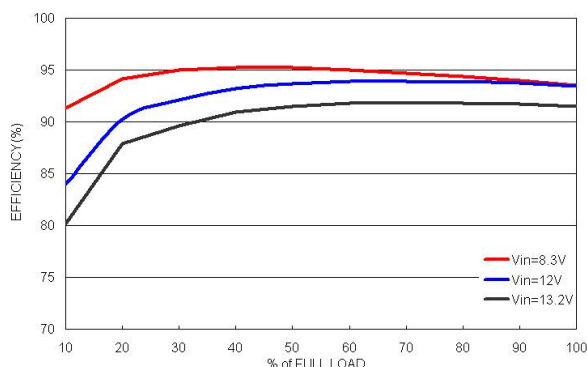
Efficiency versus Output Load at Vout = 2.5 V



Efficiency versus Output Load at Vout = 3.3 V

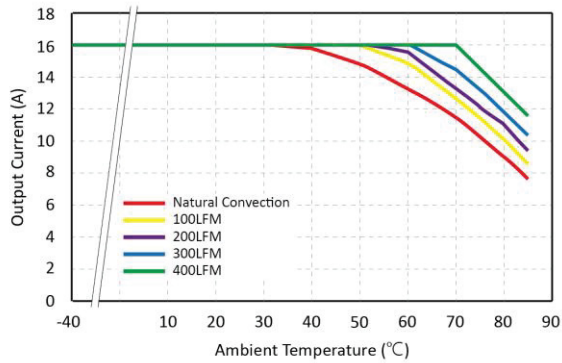


Efficiency versus Output Load at Vout = 5 V

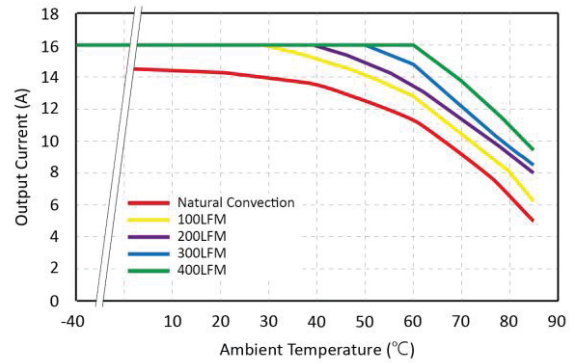


TOS 16-12SIL TOS 16-12SM

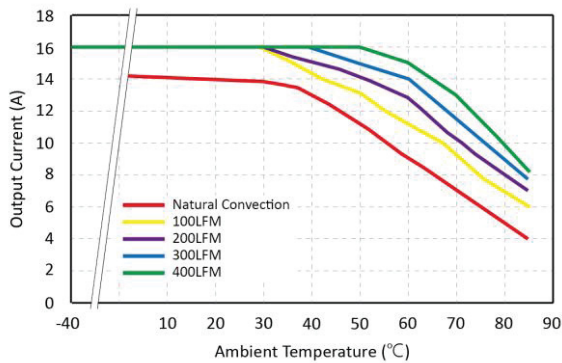
Derating Output Load versus Ambient Temperature
at $V_{out} = 0.75\text{ V}$



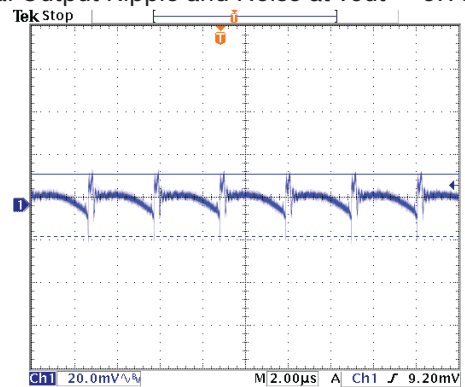
Derating Output Load versus Ambient Temperature
at $V_{out} = 3.3\text{ V}$



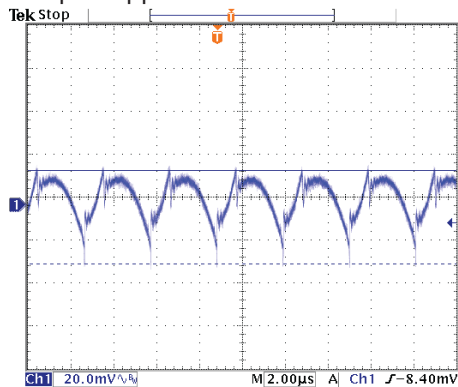
Derating Output Load versus Ambient Temperature
at $V_{out} = 5.0\text{ V}$



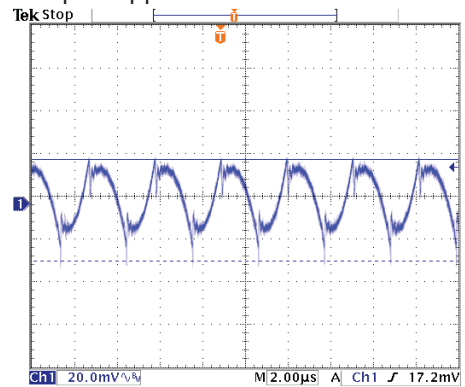
Typical Output Ripple and Noise at $V_{out} = 0.75\text{ V}$



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

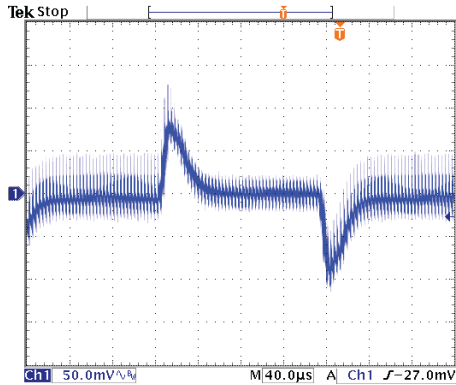


Typical Output Ripple and Noise at $V_{out} = 5.0\text{ V}$

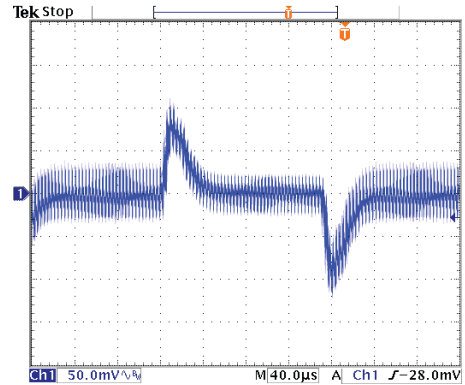


TOS 16-12SIL TOS 16-12SM

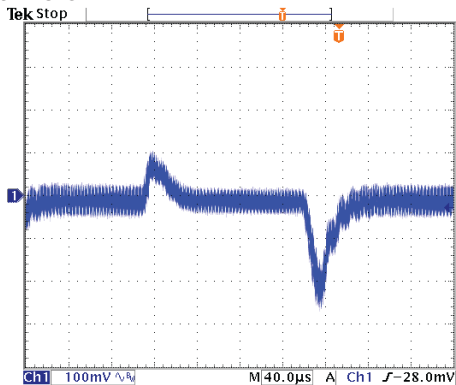
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 1.8\text{ V}$



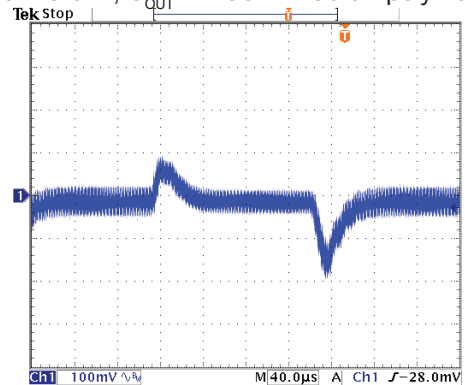
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 3.3\text{ V}$



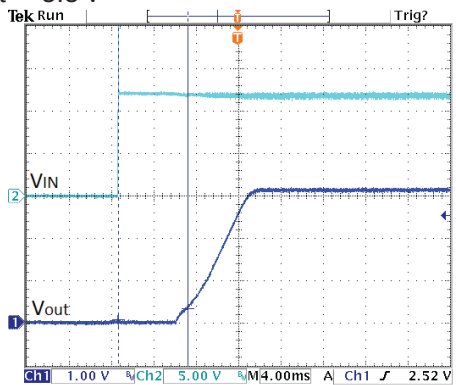
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 5.0\text{ V}$



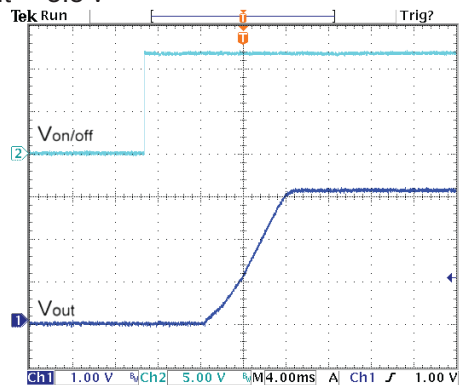
Transient Response to Dynamic Load Change (50%)
at $V_{out} = 5.0\text{ V}$; $C_{OUT} = 150 // 150\text{ uF}$ polymerCap.



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 16-12SIL
TOS 16-12SM**Input Current at Output Short Circuit at $V_{out} = 3.3\text{ V}$ 