

## Part Numbers & Configuration Details

		<b>Part Number</b>
<b>Hardware Settings</b>	<b>Symbol</b>	<b>62EM1-00001</b>
Rgon (Turn-on Gate Resistance)	R <sub>GON</sub>	1.1 Ω
Rgoff (Turn-off Gate Resistance)	R <sub>GOFF</sub>	1.1 Ω
Input Triggers	V <sub>IN LOGIC</sub>	15V
Trigger Type	-	Single ended

For hardware modifications, please contact Microchip.

		<b>62EM1-00001</b>
<b>Software Settings</b>	<b>Symbol</b>	<b>62EM1-00001</b>
Dead Time	T <sub>NOV</sub>	430ns
Gate Driver Reset	-	Automatic
Reset Time Delay	T <sub>RESET</sub>	5ms
DC Link Voltage Fault	-	950V
Temperature Fault	-	130C
Fault Output Active Level	-	Low
Normal Two-Level Turn-Off	-	Enabled
Normal Two-Level Turn-Off Voltage	V <sub>SOFT</sub>	0V
Normal Two-Level Turn-Off Time	T <sub>S1</sub>	200ns
DSAT Multi-Level Turn-Off	-	Enabled
DSAT Blanking Time	T <sub>DSAT</sub>	1.5μs
DSAT First Turn-Off Voltage Level	V <sub>SOFT D1</sub>	9V
DSAT First Turn-Off Time	TSD1	400ns
DSAT Second Turn-Off Voltage Level	V <sub>SOFT D2</sub>	5V
DSAT Second Turn-Off Time	TSD2	200ns
Primary UVLO/OVLO Fault Detection	-	Enabled
Secondary UVLO Fault Detection	-	Enabled

For software modifications, please go to:

[www.AgileSwitch.com/program.html](http://www.AgileSwitch.com/program.html)