ELECTRICAL CHARACTERISTICS T_j from - 40°C to +125°C, V_{bat} from 8V to 16V, unless otherwise noted.Typical values reflect approximate mean at 25°C, V_{bat} =12V, at time of device characterization.

Description	Symbol	Characteristics			Unit	Conditions
		Min	Typ	Max		
Turn-off Delay Time	t_{doff}		100	150	µs	IN = 2.5V to 90% V_{out}, V_{bat}=12V
Open Load to Status Low Delay Time	T_{OL}		10		µs	

FUNCTIONAL TRUTH TABLE

Conditions	IN1	IN2	OUT1	OUT2	St1	St2
Normal Operation	L H L H	L L H H	L H L H	L L H H	H H H H	H H H H
Undervoltage	X	X	L	L	H	H
Overtemperature Channel 1 Overtemperature Channel 2 Overtemperature Channel 1/Channel 2	H X H	X H H	L X L	X L L	L H L	H L L
Open Load Channel 1 Open Load Channel 2	H X	X H	H X	X H	L H	H L
Overcurrent Channel 1 Overcurrent Channel 2	H X	X H	X X	X X	H H	H H

L = 'Low level' ; H = 'High level' ; X = 'don't care'

Figure 1. Application Schematic