



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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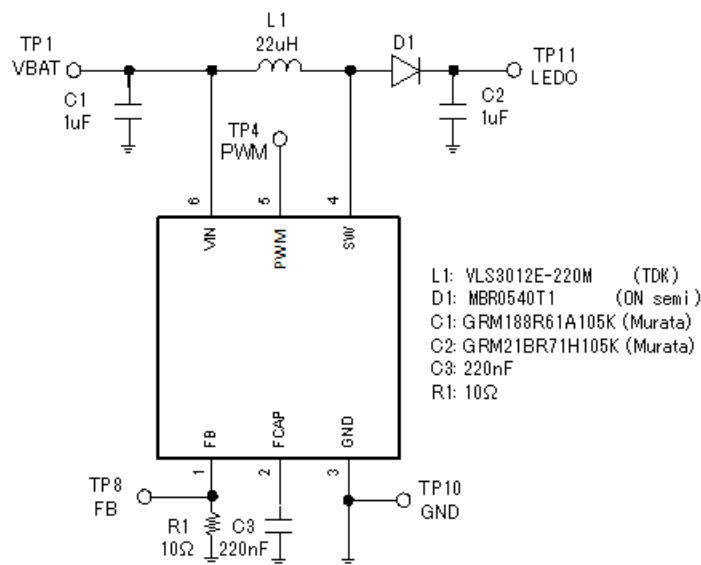


Test Procedure for the LV52205MUGEVB Evaluation Board

1. Evaluation Board Spec

Evaluation Board	2.7 - 5.5V
FB voltage	0 - 200mV
Over Voltage Protection	41V
Oscillation Frequency	600kHz

2. Evaluation Board Schematic



3. Pin Function

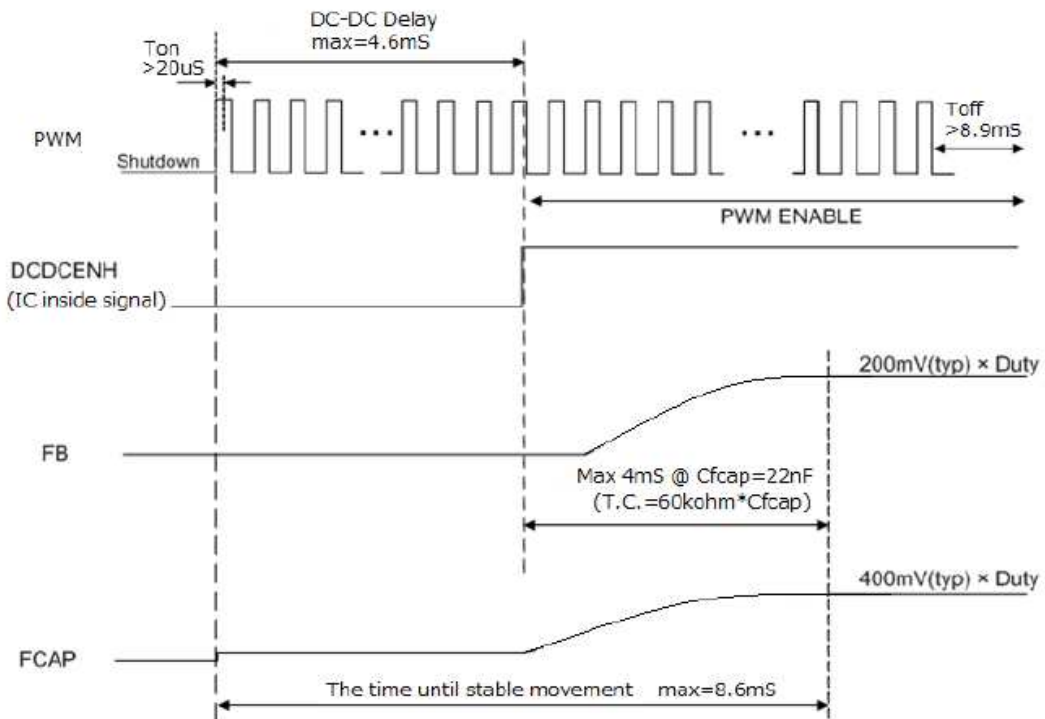
PIN #	Pin Name	Description
1	FB	Feedback pin.
2	FCAP	Filtering capacitor terminal for PWM mode.
3	GND	Ground
4	SW	Switch pin. Drain of the internal power FET.
5	PWM	PWM dimming input (active High).
6	VCC	Supply voltage.
	Expose-pad	Connect to GND on PCB.



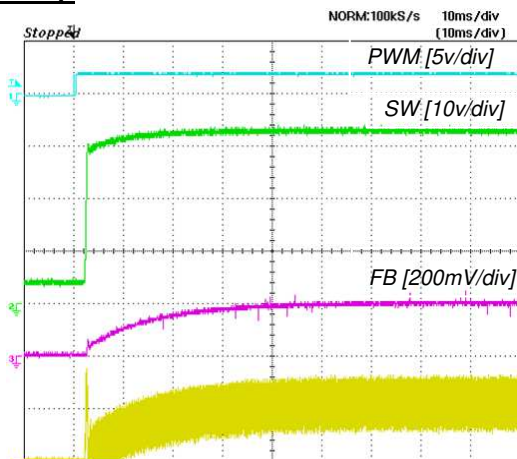
4. Start/Shutdown sequences

1. Please input "High" into PWM PIN during the period that is longer than $T_{on}(20\mu\text{Sec})$ to start IC.
2. IC shut down when you make PWM PIN Low longer than $T_{off}(8.9\text{ms})$ period.

PWM Mode



Start Up



Shut down

