Intersil PWM Firmware Update SOP

MB: E3C246D4U



PWM Dongle:



Step1.

- a. Connect ATX24PIN connector with power supply (only 24pin connector)
- b. Connect PWM dongle 'B' with USB port of computer
- c. Connect PWM dongle 'A' with MB PWM Config. as below

Note1. : Pin define from left to right \rightarrow GND, Data, CLK

Note2. : The pin define of PWM dongle as below





Step2.

a. Turn on power supply (AC_ON)

Step 3

a. Launch Production Config Tool



Step4.

- a. $0x20 \rightarrow 0x60$
- b. ZL2101 → ISL69138

Production Config Tool 5.4.183			- 🗆 X		
RENESAS			PowerNavigator™		
Production Confi	guration Tool		v5.4.183		
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			ISL69134				
			ISL69137	Load Config 🔿 \	/erify Config		
			ISL69144	Run			

Step5.

a. Open *.Hex file



Step6.

- a. Make sure the *. Hex file is correct
- b. Choose 'Load Config.'
- c. Click the 'RUN' button

Production Config Tool 5.4.183			– 🗆 X		
RENESAS			PowerNavigator™		
Production Conf	iguration Tool		v5.4.183		
File					
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b Load Config Overify Config					

Step7.

a. If success, it will show 'Load Success'

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Pr	oduction Conf	iguration Tool			v5.4.183	
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0x20	ZL2101 -	C:\Users\sTvEv\Documents\Intersi I\PowerNavigator	OBusy Pass • Fail	Config file does not exist	-	
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0x20	ZL2101	C:\Users\sTvEv\Documents\Intersi I\PowerNavigator	OBusy Pass Fail	Config file does not exist	-	
Load Config						
		Run				

Step8.

- a. Choose 'Verify Config'
- b. Click the 'RUN' button
- c. Check the CRC is match or not

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Production Confi	guration Tool			v5.4.183			
File			c				
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0x20 ZL2101 •	C:\Users\sTvEv\Documents\Intersi I\PowerNavigator	 Busy Pass Fail 	Config file does not exist	- +			
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		a					
Load Config Verify Config							

Support List:

- Intersil Gen1 digital PWM ISL69138, ISL69127, ISL69125, ISL69147, ISL69144
- Intersil Gen2 digital PWM
 ISL69225, ISL69255, ISL69269, ISL69248, ISL69247, ISL69243