ESC_G4

MB1419

Table of contents

Sheet 1: PROJECT OVERVIEW (THIS PAGE)

Sheet 2: CAN

Sheet 3: DAUGHTERBOARD

Sheet 4: MCU

Sheet 5: POWER STAGE

Sheet 6: SENSING

Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

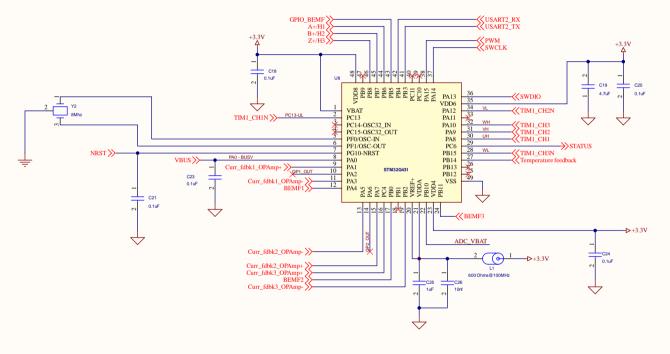
Open Platform License Agreement

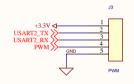
The Open Platform License Agreement ("Agreement") is a binding legal contract between you ("You") and STMicroelectronics International N.V. ("ST"), a company incorporated under the laws of the Netherlands acting for the purpose of this Agreement through its Swiss branch 39, Chemin du Champ des Filles, 1228 Plan-les-Ouates, Geneva, Switzerland.

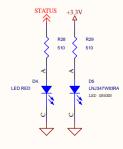
By using the enclosed reference designs, schematics, PC board layouts, and documentation, in hardcopy or CAD tool file format (collectively, the "Reference Material"), You are agreeing to be bound by the terms and conditions of this Agreement. Do not use the Reference Material until You have read and agreed to this Agreement terms and conditions. The use of the Reference Material automatically implies the acceptance of the Agreement terms and conditions.

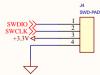
The complete Open Platform License Agreement can be found on www.st.com/opla.

	ECT OVERVIEW		
Project: ESC			
Variant: [No Variations]			
Revision: B-01		Reference: MB1419	
Circu A 4	Data: 26 MADCH 2010	Chasti 1 of 6	



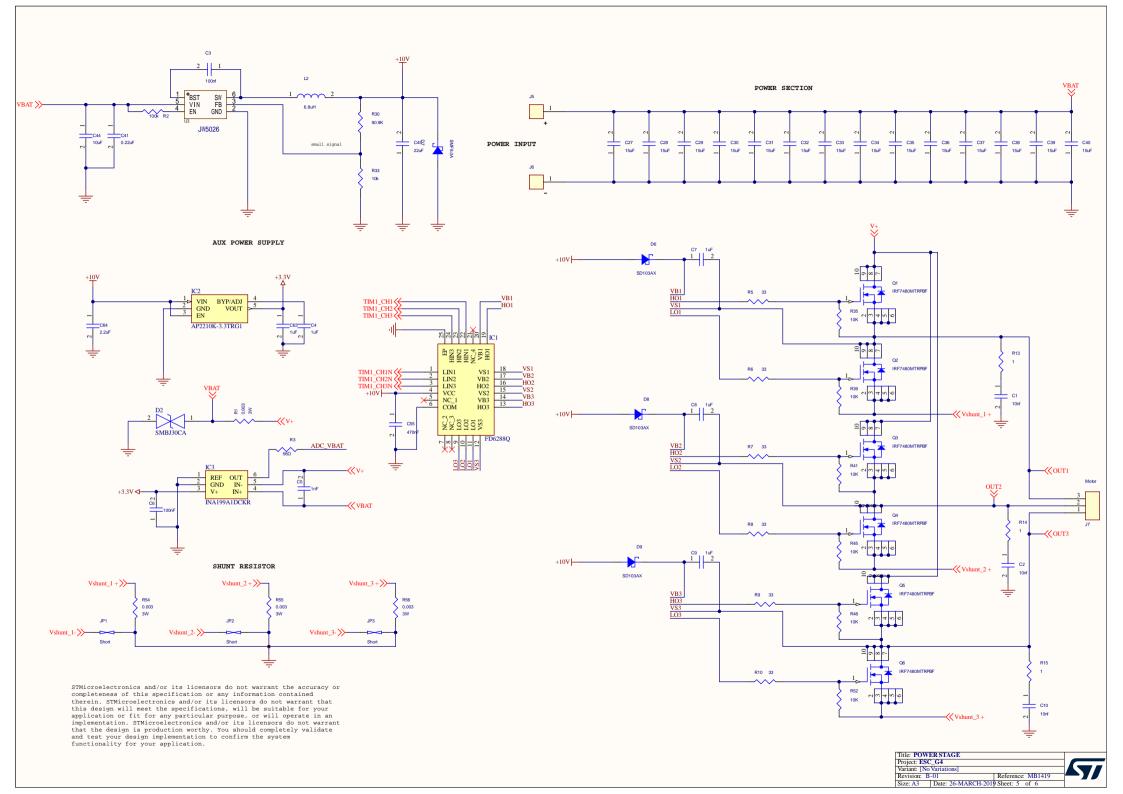




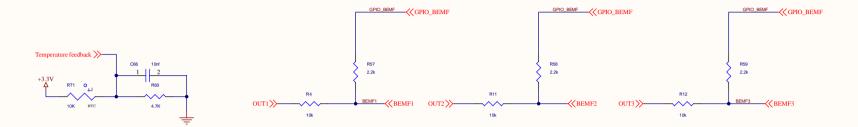


STMicroelectronics and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. STMicroelectronics and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. STMicroelectronics and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

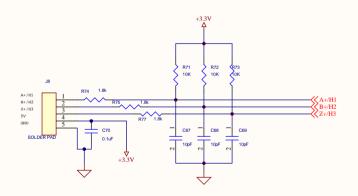
Title: MVU		
Project: ESC_G4		
Variant: [No Variations]		
Revision: B-01	Reference: MB1419	—],
Size: A3 Date: 26-MARCH-2019	Sheet: A of 6	1

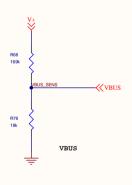


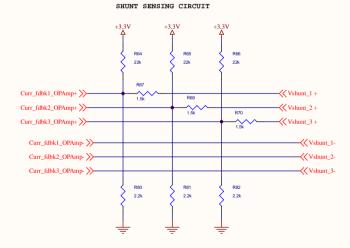
BEMF DETECTION- SIX STEP



HALL/ENCODER SENSOR







STMicroelectronics and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. STMicroelectronics and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. STMicroelectronics and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.