Table of Contents	4		3	Revisions			
2 Notes/Block Diagram	†			Rev	Description	Date	Approved
3 MOSFET PRE DRIVER GD3000	1			,	A085, Prototype Release	16 Sep 16	Tim/David
4 MOTOR CONTROL - POWER STAGE				A	A005, Prococype Release	16 Sep 16	JIII/David
5 CONNECTOR - DEVKIT/FRDM+				В	A085 (Final Schematic, BoM), Pilot Release	26 May 17	Phil/David
				В1	IO Connector (J1 to J6) MFG. PN changed A085 (Final Schematic, BoM), Production Release	23 Jun 17	Alfredo A
D				В2	C16 (470pF) changed to DNP as per test feedback A085 (Final Schematic, BoM), Production Release	23 Aug 17	David C

DEVKIT-MOTORGD BLDC/PMSM - MOTOR CONTROL REFERENCE DESIGN



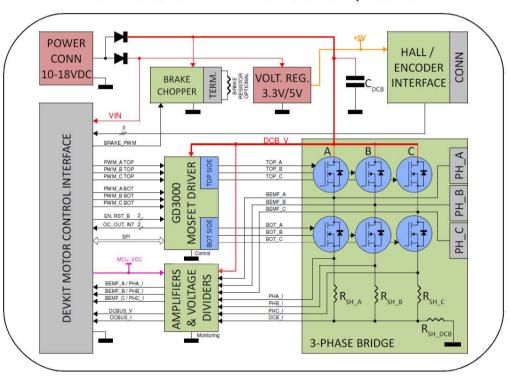
1. Unless Otherwise Specified:

All resistors are in ohms, 5%, 1/10 Watt All capacitors are in uF, 20%, 50V All voltages are DC

All polarized capacitors are aluminum electrolytic

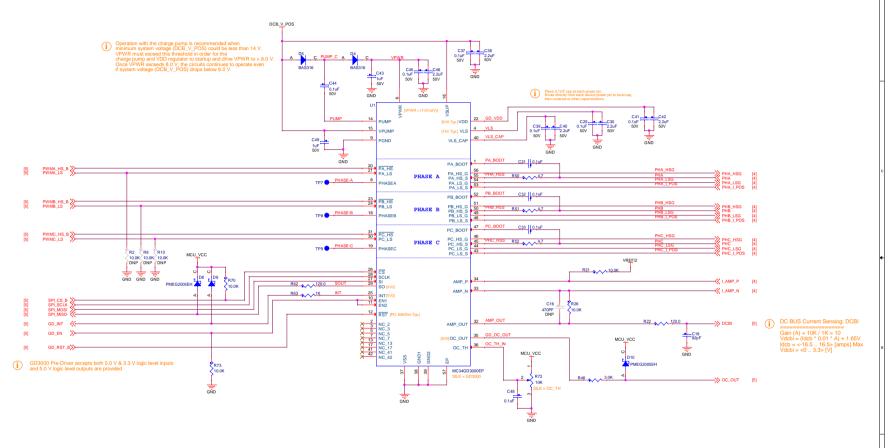
- 2. Interrupted lines coded with the same letter or letter combinations are electrically connected.
- 3. Device type number is for reference only. The number varies with the manufacturer.
- 4. Special signal usage:
 - B Denotes Active-Low Signal <> or [] Denotes - Vectored Signals
- 5. Interpret diagram in accordance with American National Standards Institute specifications, current revision, with the exception of logic block symbology.

DEVKIT-MOTORGD for BLDC/PMSM

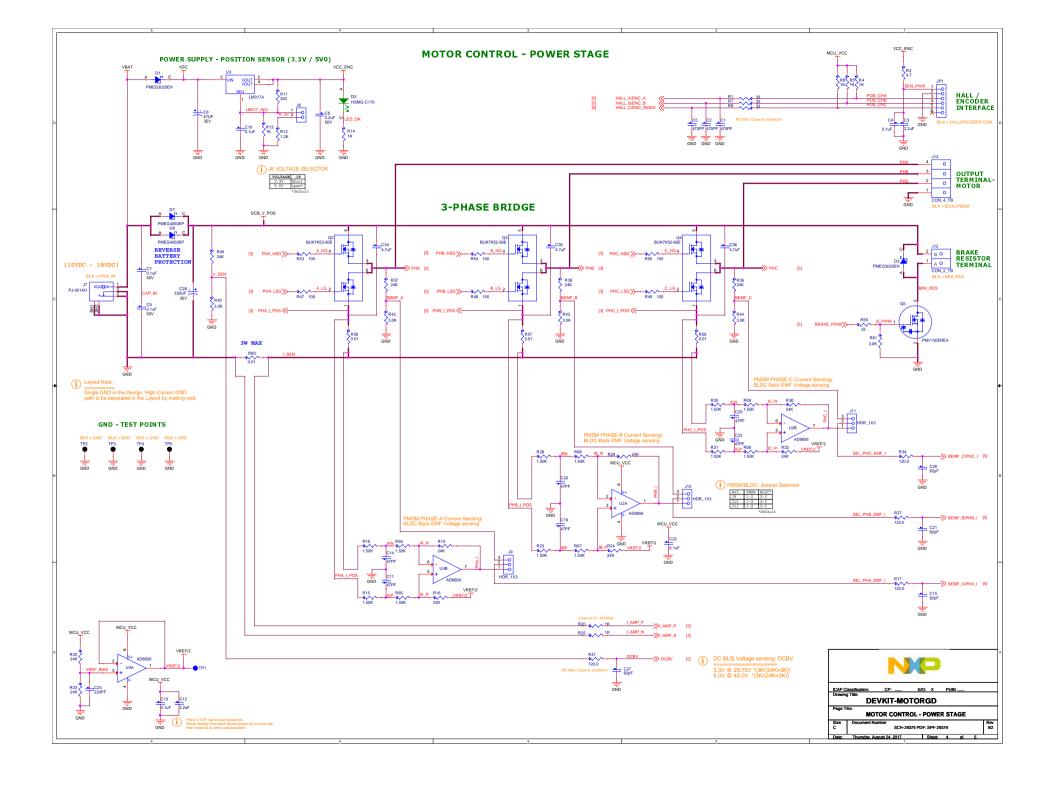




GD3000 - THREE PHASE FET PRE-DRIVER







DEVKIT / FRDM+ - IO CONNECTORS GND CON 2X10 CON NOTE: Arduino compatible headers: J1, J2, J3, J4 (INNER ROW) DEVKIT / FDRM+ compatible headers: J1, J2, J3, J4, J5, J6 NP DEVKIT-MOTORGD CONNECTOR - DEVKIT/FRDM+ SCH-29379 PDF: SPF-29379 Date: Thursday, August 24, 2017 Sheet 5 of