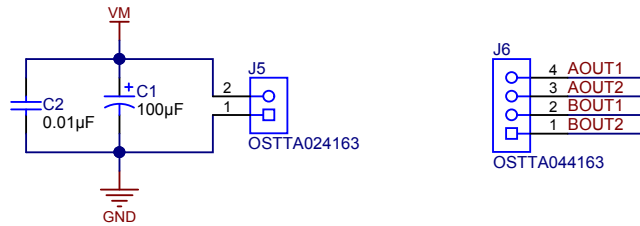
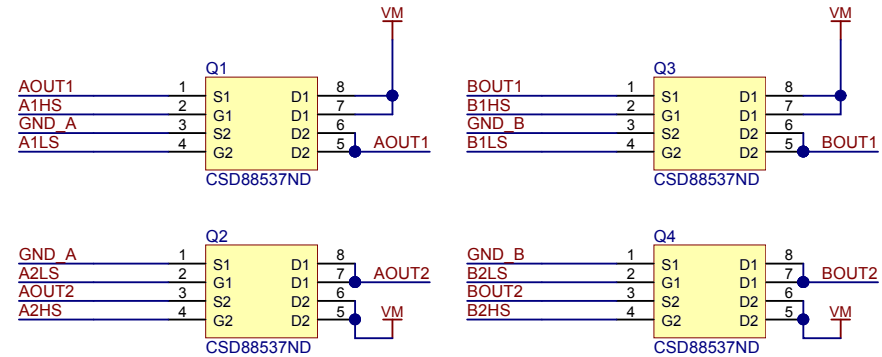


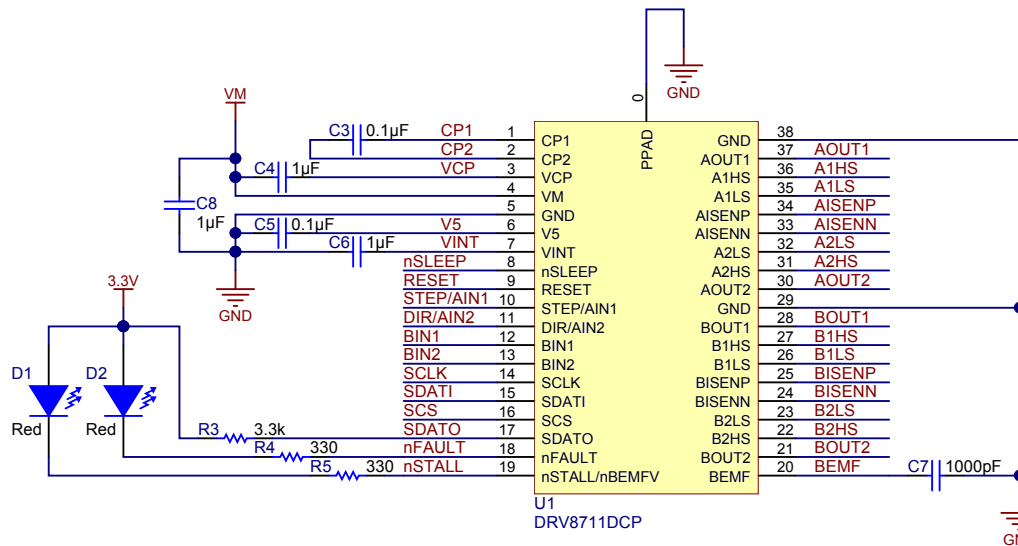
## Power/Motor Connections



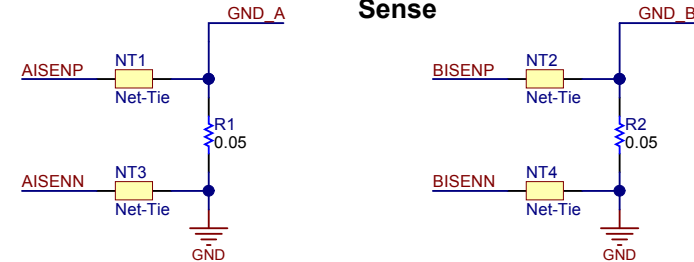
## NexFET Dual Power MOSFETs



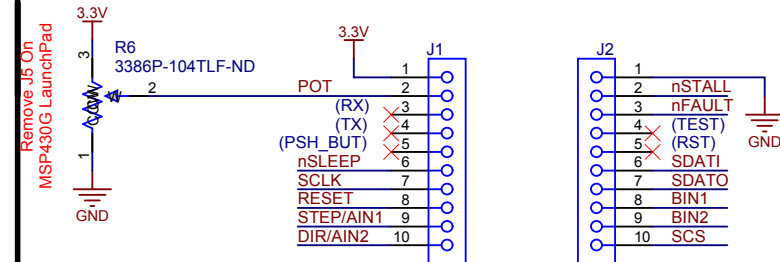
## DRV8711



## Sense



## LaunchPad Connections



PCB Number: BOOST-DRV8711  
PCB Rev: A

PCB  
LOGO

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Number: BOOST-DRV8711 Rev: A  
SVN Rev: Not in version control  
Drawn By:  
Engineer: Nick Oborny

Designed for: Public Release  
Project Title: TIDA00261 - Stepper Motor BoosterPack  
Sheet Title:  
Assembly Variant: Variant name not interpreted  
File: BOOST-DRV8711.SchDoc  
Size: A4  
Contact: <http://www.ti.com/support>

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Comment	Description	Designator	Footprint	LibRef	Quantity
Printed Circuit Board	Printed Circuit Board	!PCB		PCB	1
ECA-2AM101	CAP ALUM 100UF 100V 20% RADIAL	C1	CAPPR5-10X20	EEV-FK2A101M	1
C1608X7R2A103K	CAP, CERAM, 0.01uF, 100V, +/-10%, X7R, 0603	C2	0603L	C1608X7R2A103K	1
GRM188R72A104KA35 D	CAP, CERAM, 0.1uF, 100V, +/-10%, X7R, 0603	C3	0603L	GRM188R72A104KA35 D	1
CL21B105KBFNNNE	CAP CER 1uF 50V 10% X7R 0805	C4	0805L	GRM21BR71H105KA12 L	1
C1608X7R1E104K	CAP, CERAM, 0.1uF, 25V, +/-10%, X7R, 0603	C5	0603L	C1608X7R1E104K	1
C1608X7R1C105K	CAP, CERAM, 1uF, 16V, +/-10%, X7R, 0603	C6	0603L	C1608X7R1C105K	1
C0603C102K4RACTU	CAP, CERAM, 1000pF, 16V, +/-10%, X7R, 0603	C7	0603L	GRM188R71C102KA01 D	1
HMK316B7105KL-T	CAP CER 1uF 100V 10% X7R 1206	C8	1206L	GRM31CR72A105KA01L	1
LTST-C170KRKT	LED, Red, SMD	D1, D2	LED_LTST-C170	LTST-C170KRKT	2
CRD-081413-B-T	Connector, Receptacle, 100mil, 10x1, TH	J1, J2	CONN_SSW-110-23-F-S	SSW-110-23-F-S	2
OSTTA024163	TERMINAL BLOCK 5.08MM VERT 2POS, TH	J5	CONN_ED120-2DS	ED120/ 2DS	1
OSTTA044163	Terminal Block, 4x1, 5.08mm, TH	J6	CONN_ED120_4DS	ED120/ 4DS	1
CSD88537ND	Dual 60-V N-Channel NexFET?Power MOSFETs	Q1, Q2, Q3, Q4	SO-8	CSD88537ND	4
CRA2512-FZ-R050ELF	RES, 0.05 ohm, 1%, 3W, 2512	R1, R2	2512M	CRA2512-FZ-R050ELF	2
CRCW06033K30JNEA	RES, 3.3K ohm, 5%, 0.1W, 0603	R3	0603L	CRCW06033K30JNEA	1
CRCW0603330RJNEA	RES, 330 ohm, 5%, 0.1W, 0603	R4, R5	0603L	CRCW0603330RJNEA	2
3386P-104TLF-ND	TRIMMER 100K OHM 0.5W PC PIN	R6	POT_3386P	POT_3386P	1
DRV8711DCP	Stepper Motor Pre-Driver v	U1	R-PDSO-G38	DRV8711DCP	1