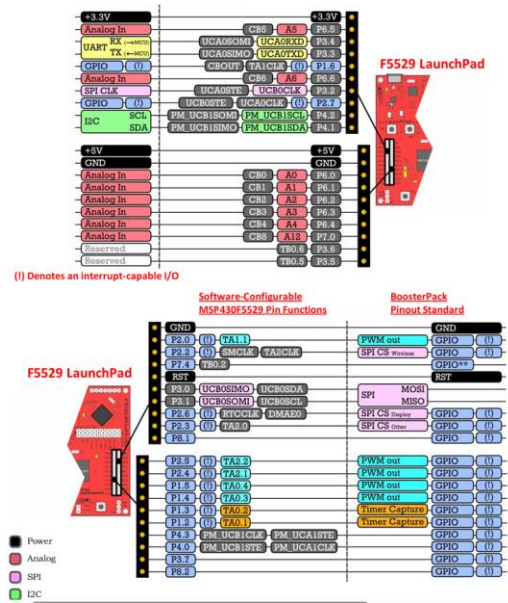
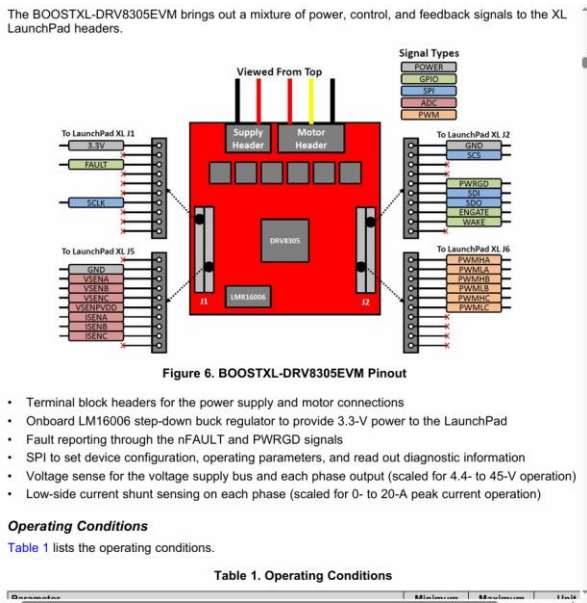


2026-02-03

Drv8305 + msp430f5529lp



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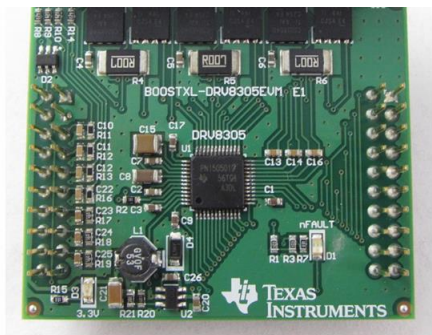


Figure 1. PCB Image (From Above)

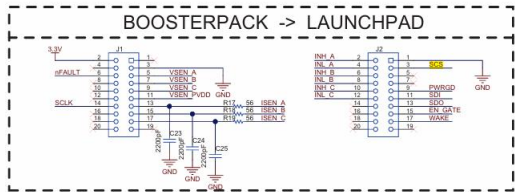


Figure 2. BoosterPack Header Signals

	F5529 Launch Pad	BOOSTXL-DRV8305EVM	F5529 Launch Pad	BOOSTXL-DRV8305EVM
좌측핀	+3.3V	+3.3V	+5V	None
	P6.5	None	GND	GND
	P3.4	FAULT	P6.0	VSEN A
	P3.3	None	P6.1	VSEN B
	P1.6	None	P6.2	VSEN C
	P6.6	None	P6.3	VSEN PVDD
	P3.2	SCLK	P6.4	ISEN A
	P2.7	None	P7.0	ISEN B
	P4.2	None	P3.6(P6.5)	ISEN C
	P4.1	None	P3.5	None

	F5529 Launch Pad	BOOSTXL-DRV8305EVM	F5529 Launch Pad	BOOSTXL-DRV8305EVM
우측핀	P2.5	PWMHA	GND	GND
	P2.4	PWMLA	P2.0	SCS
	P1.5	PWMHB	P2.2	None
	P1.4	PWMLB	P7.4	None
	P1.3	PWMHC	RST	PWRGD
	P1.2	PWMLC	P3.0	SDI
	P4.3	None	P3.1	SDO
	P4.0	None	P2.6	ENGATE
	P3.7	None	P2.3	WAKE
	P8.2	None	P8.1	None

Defined Pins (F5529)	Function
P1.6	Encoder A
P6.6	Encoder B
P2.7	Encoder I
P2.5	INH_A
P2.4	INL_A
P1.5	INH_B
P1.4	INL_B
P7.4	INH_C
P3.5	INL_C
P4.4	TX
P4.5	RX