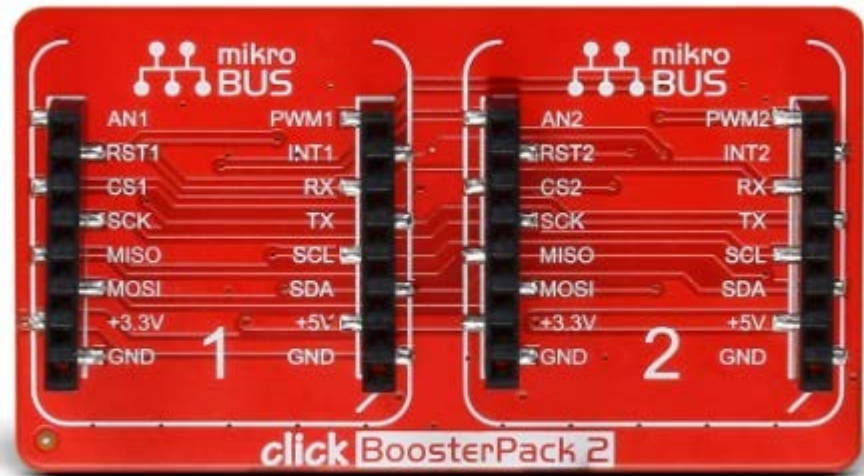
Mikroe Click BoosterPack 2 back

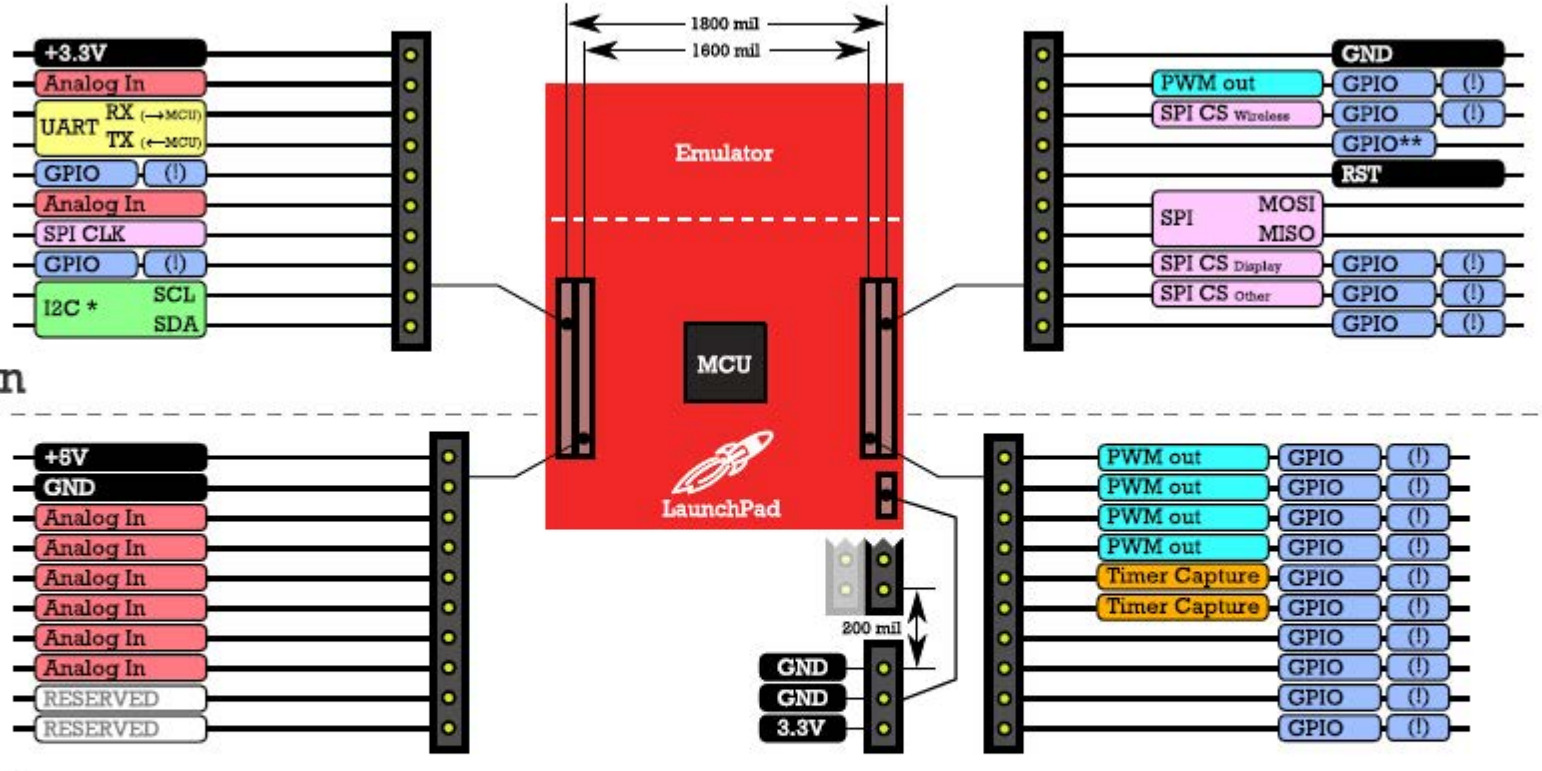


Click BoosterPack 2

BoosterPack Pinout Standard

Updated Sept 1, 2013

All through-holes on 100 mil grid



The Legend:

Pin function — White boxes indicate functions that are not yet available on any existing LaunchPads. However, these functions are defined in the standard to "future-proof" the pinout.

! — The exclaimation point (!) indicates that the GPIO pin is interruptible.

GPIO** — Some LaunchPads do not comply with this GPIO pin (i.e. MSP-EXP430G2 LaunchPad uses this pin for programming/debugging). De-prioritize this pin when making a BoosterPack.

I2C* — Most LaunchPads have true hardware-enabled I2C at these pins, but some LaunchPads may not. If no hardware I2C is available, a software-emulated I2C is needed to adhere to standard.

Check the documentation of specific LaunchPad boards to confirm compatibility with the BoosterPack standard. While most LaunchPads comply with the standard, there may be some deviations.

Also note that LaunchPads usually offer more than one function at a specific pin. Be aware of pin muxing for additional features & capabilities at each pin.

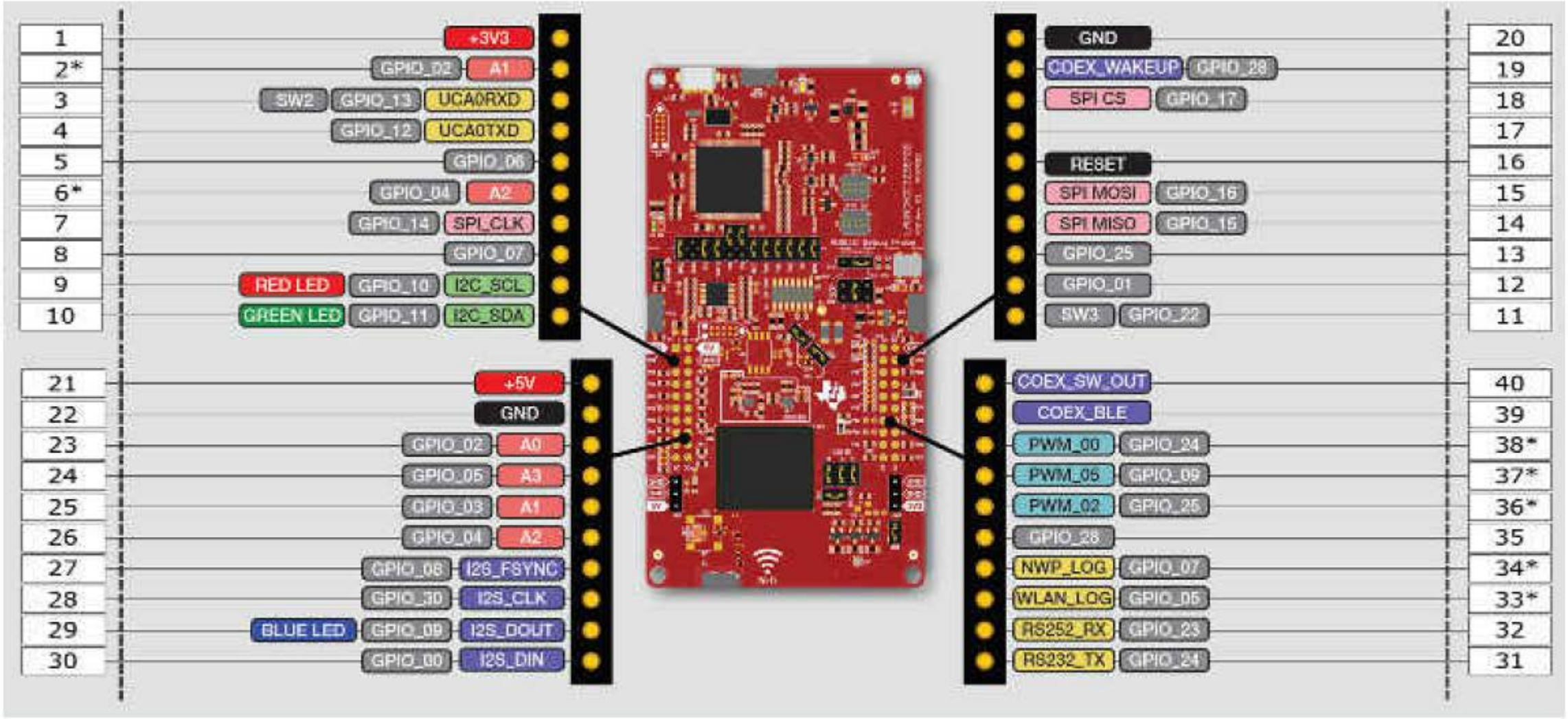


Figure 2-15. LAUNCHCC3235MOD BoosterPack Header Pin Assignments

PINOUT DIAGRAM

This table shows how the pinout on PROFET Click - 15A corresponds to the pinout on the mikroBUS™ socket (the latter shown in the two middle columns).

Notes	Pin		mikroBUS			Pin	Notes
Diagnosis Signal	**AN**	1	AN	PWM	16	**IN**	Output Channel Activation
	NC	2	RST	INT	15	NC	
Diagnosis Enable	**DEN**	3	CS	RX	14	NC	
	NC	4	SCK	TX	13	NC	
	NC	5	MISO	SCL	12	NC	
	NC	6	MOSI	SDA	11	NC	
Power Supply	**3.3V**	7	3.3V	5V	10	NC	
Ground	**GND**	8	GND	GND	9	**GND**	Ground

ONBOARD SETTINGS AND INDICATORS

Label	Name	Default	Description
LD1	PWR	-	Power LED Indicator
LD2	VIN	-	External Power Supply LED Indicator