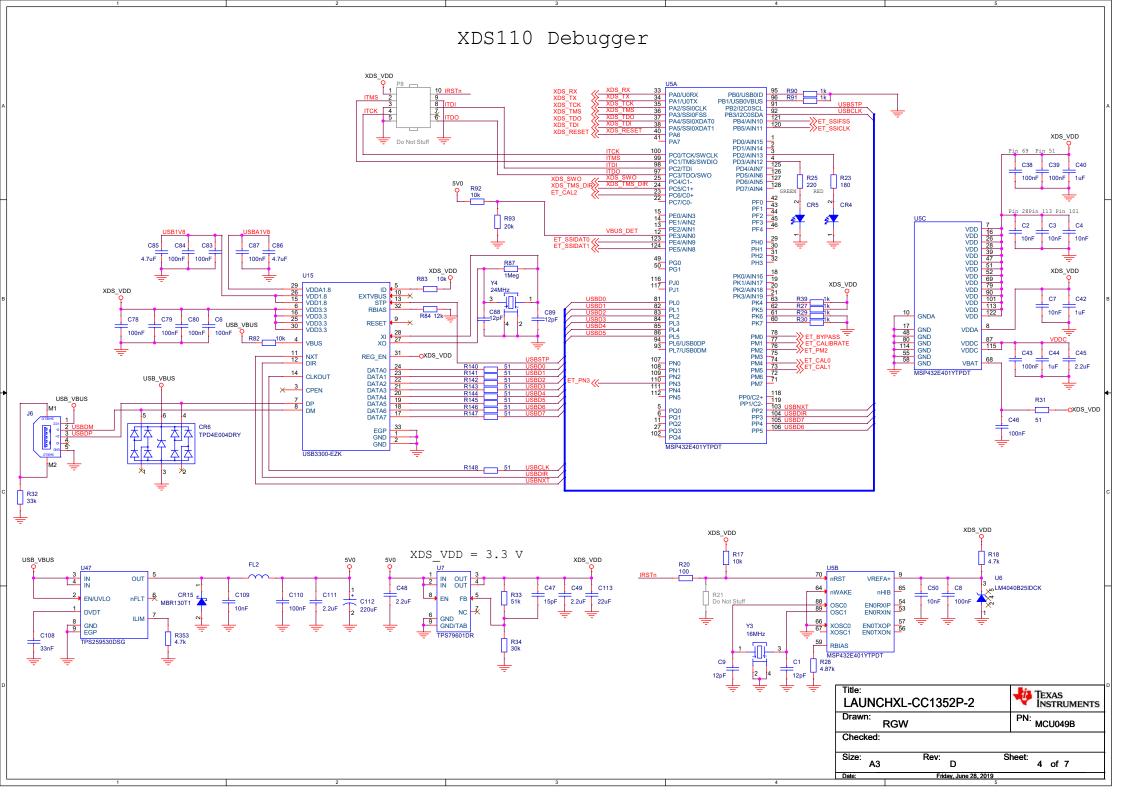
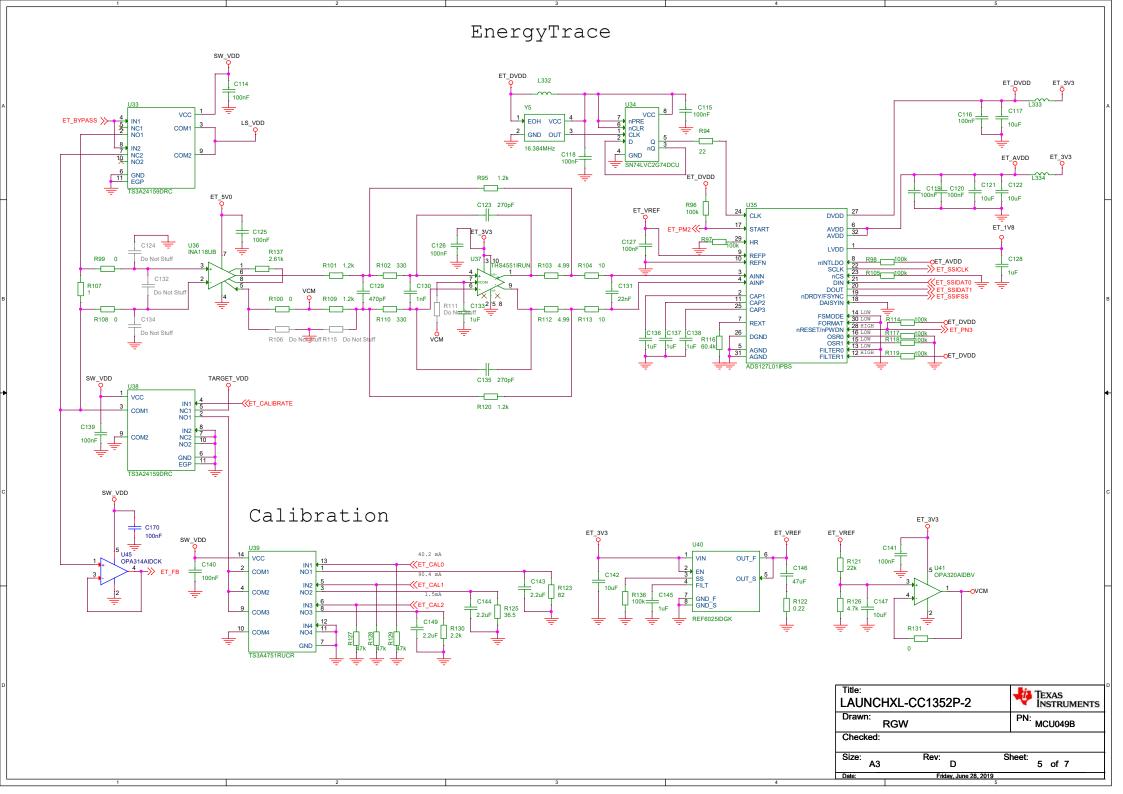
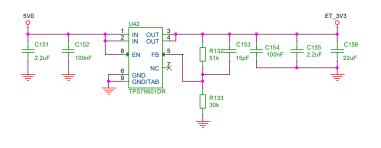


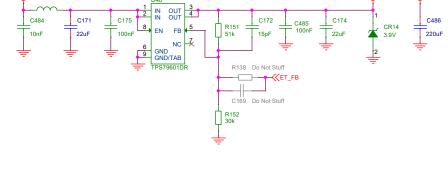
XDS110 Debugger Interface LS_VDD XDS_VDD P10 selects the voltage source for the level shifters When powering the wireless MCU from the XDS supply, connect jumper between pins 1 and 2. C70 C71 VCCB VCCA When powering the wireless MCU from the external supply, connect jumper between pins 2 and 3. 100nF 1DIR 2DIR 1nOE 2nOE XDS_TX_LS ->>xds tx 1B2 2B1 XDS RX LS XDS_RX R62 100k R61 100k SN74AVC4T245RSV XDS_VDD LS VDD WMCU_SWO DIO17_TDI DIO16_TDO WMCU_TCK WMCU_TCK WMCU_RESET WMCU_RXD C72 VCCB VCCA 100nF 1DIR 2DIR 1nOE 2nOE WMCU_VDD 0 18 5V0_BP 0 20 XDS_TCK_LS 17 OTARGET_VDD 19 O5V0 1A1 1A2 1B1 1B2 XDS_TDO_LS →>>xds tdo 10 11 GND GND SN74A R63 100k SN74AVC4T245RSV Use P5 for debugging Use P7 for debugging the wireless MCU with an external targets XDS_VDD external debugger (requires that all XDS_VDD jumpers be removed) LS_VDD (requires that all jumpers be removed) C75 R58 3.3k C74 WMCU VDD LS VDD VCCB 100nF VCCA 1DIR 2DIR ->>XDS_TMS_DIR 1nOE 2nOE XDS RESET LS 1B2 2B1 2B2 1A2 2A1 2A2 XDS TMS IS →>>xds tms GND $XDS-RST = 0 \rightarrow output = 0$ $XDS-RST = 1 \rightarrow output = Hi-Z$ DIR = $H: A \rightarrow B$ DIR = L: B \rightarrow A TMS signal is bidirectional. TMS DIR used to control OE = H: output = Hi-Zdirection of level shifter TEXAS INSTRUMENTS TPD6E004RSE TPD6E004RSE LAUNCHXL-CC1352P-2 PN: MCU049B Drawn: **RGW** Checked: Sheet: Size: Rev: А3 3 of 7 Friday, June 28, 2019

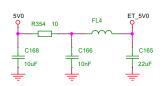


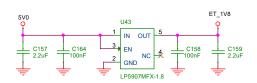


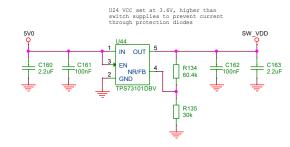
EnergyTrace Power Supply











Title: LAUNCHX	L-CC1352P-2	TEXAS INSTRUMENTS
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ET_VDD

Mechanical

Jumpers

P6: M1 M2

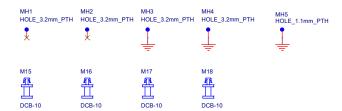
P4: M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13

P10: M14

PCB



Mounting Holes



Fiducials







Labels









Stickers



Title: LAUNCHXL-CC1352P-2		TEXAS INSTRUMENTS
Drawn: RGW		PN: MCU049B
Checked:		·
Size: A3	Rev: D	Sheet: 7 of 7
Date:	Friday, June 28, 2	2019