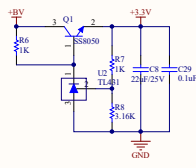
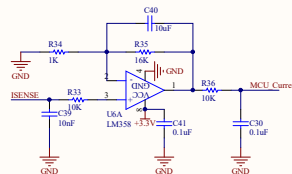
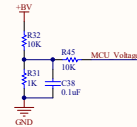
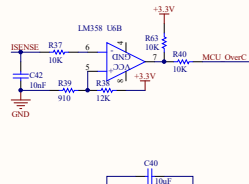
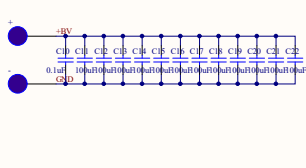


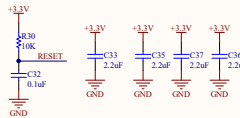
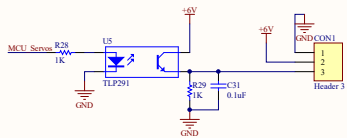
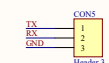
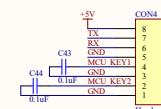
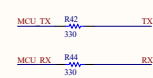
6V



3.3V



MCU_TX	1	GPIO28/SCITXDA/SCLA/TZ3	GPIO28/SCIRXDA/SDAA/TZ2	48	MCU_RX
TRST	2	TRST	GPIO12/TZ/SCITXDA	47	MCU_OvrnC
RESET	3	RESET	GPIO12/TZ/SCITXDA	46	MCU_OvrnC
ADCN1A6/AIO6	4	ADCN1A6/AIO6	X2	45	MCU_OvrnC
ADCN1A4/COMP2A/AIO4	5	ADCN1A4/COMP2A/AIO4	X1	44	MCU_OvrnC
ADCN1A7	6	ADCN1A7	VSS	43	MCU_OvrnC
ADCN1A3	7	ADCN1A3	VDD	42	MCU_OvrnC
ADCN1A1	8	ADCN1A1	GPIO7/EPWM4B/SCIRXDA	41	MCU_Servo
ADCN1A2/COMP1A/AIO2	9	ADCN1A2/COMP1A/AIO2	GPIO6/EPWM4A/EPWM5/NC1/EPWM5/NC0	40	MCU_WI
ADCN1A0/VREFH	10	ADCN1A0/VREFH	GPIO5/EPWM4B/SCIRXDA	39	MCU_WI
VDDA	11	VDDA	GPIO4/EPWM4A	38	MCU_VI
VSSA/VREFLO	12	VSSA/VREFLO	GPIO3/EPWM4B/COMP2OUT	37	MCU_VI
MCU_Voltage	13	ADCN1B1	GPIO3/SCLA/EPWM5/NC0/ADC/SCIRXDA	36	MCU_KEY2
MCU_AVIN	14	ADCN1B2/COMP1B/AIO10	VDDIO	35	MCU_KEY2
MCU_Current	15	ADCN1B3	VREFLO	34	MCU_KEY2
ADCN1B4/COMP2B/AIO12	16	ADCN1B4/COMP2B/AIO12	VSS	33	MCU_KEY2
ADCN1B6/AIO14	17	ADCN1B6/AIO14	VDD	32	MCU_KEY2
ADCN1B7	18	ADCN1B7	VDD	31	MCU_KEY1
ADCN1B8	19	ADCN1B8	GPIO12/SDAA/EPWM5/NC1/ADC/SCIRXDA	30	MCU_KEY1
ADCN1B9	20	ADCN1B9	TEST	29	MCU_LH
ADCN1B10	21	ADCN1B10	GPIO10/EPWM1A	28	MCU_LH
ADCN1B11	22	ADCN1B11	GPIO11/EPWM1B/COMP1/OUT	27	MCU_LH
ADCN1B12	23	ADCN1B12	GPIO16/SPSMD0A/TZ2	26	MCU_HV
ADCN1B13	24	ADCN1B13	GPIO17/SPSMD0A/TZ2	25	MCU_HV
ADCN1B14	25	ADCN1B14	GPIO18/XCLKIN(TCK)	24	MCU_HV
ADCN1B15	26	ADCN1B15	GPIO18/SPCLKA/SCITXDA/XCLKOUT	23	MCU_HV
ADCN1B16	27	ADCN1B16	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	22	MCU_HV
ADCN1B17	28	ADCN1B17	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	21	MCU_HV
ADCN1B18	29	ADCN1B18	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	20	MCU_HV
ADCN1B19	30	ADCN1B19	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	19	MCU_HV
ADCN1B20	31	ADCN1B20	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	18	MCU_HV
ADCN1B21	32	ADCN1B21	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	17	MCU_HV
ADCN1B22	33	ADCN1B22	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	16	MCU_HV
ADCN1B23	34	ADCN1B23	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	15	MCU_HV
ADCN1B24	35	ADCN1B24	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	14	MCU_HV
ADCN1B25	36	ADCN1B25	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	13	MCU_HV
ADCN1B26	37	ADCN1B26	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	12	MCU_HV
ADCN1B27	38	ADCN1B27	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	11	MCU_HV
ADCN1B28	39	ADCN1B28	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	10	MCU_HV
ADCN1B29	40	ADCN1B29	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	9	MCU_HV
ADCN1B30	41	ADCN1B30	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	8	MCU_HV
ADCN1B31	42	ADCN1B31	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	7	MCU_HV
ADCN1B32	43	ADCN1B32	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	6	MCU_HV
ADCN1B33	44	ADCN1B33	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	5	MCU_HV
ADCN1B34	45	ADCN1B34	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	4	MCU_HV
ADCN1B35	46	ADCN1B35	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	3	MCU_HV
ADCN1B36	47	ADCN1B36	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	2	MCU_HV
ADCN1B37	48	ADCN1B37	GPIO19/XCLKIN/SPCLKA/SCIRXDA/FCAP1	1	MCU_HV



Bill of Materials

<Parameter Title not found>

Source Data From: TPEBL.PrjPcb
Project: TPEBL.PrjPcb
Variant: None

Creation Date: 2016/8/17 10:31:27
Print Date: 42599 42599.43858

Footprint	Comment	LibRef	Designator	Description	Quantity
PAD	PAD	PAD	+, -, U, V, W	Capacitor, Resistor	5
0805	0805	Cap, Res1	C1, C7, C8, C26, C27, C28, R6		7
0603	Cap	Cap	C3, C4, C5, C6, C10, C29, C31, C32, C33, C35, C37, C38, C39, C40, C41, C42, C43, C44		18
1210	1210	Cap	C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22	Capacitor	12
0603	0603	Cap, Res1	C30, C36, R22, R23, R24, R25, R26, R27	Capacitor, Resistor	8
HDR1X3	Header 3	Header 3	CON1, CON5	Header, 3-Pin	2
HDR1X7	Header 7	Header 7	CON2	Header, 7-Pin	1
1.25T-2-5Y	Header 5	Header 5	CON3	Header, 5-Pin	1
1.25T-2-8Y	Header 8	Header 8	CON4	Header, 8-Pin	1
BAS321	BAS321	Diode	D1, D2, D3	Default Diode	3
5040-L	Inductor	Inductor	L1	Inductor	1
HDR2X7	Header 7X2	Header 7X2	P-JTAG	Header, 7-Pin, Dual row	1
SS8050	SS8050	NPN	Q1, Q2, Q10, Q11		4
IRF4110	MOSFET-N	MOSFET-N	Q4, Q5, Q6, Q7, Q8, Q9		6
0603	Res1	Res1	R1, R2, R3, R4, R5, R7, R8, R15, R16, R17, R18, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R42, R44, R45, R46, R47, R48, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64	Resistor	45
2512	Res1	Res1	R21, R41	Resistor	2
SOD-323	BAT60B	D Schottky	SBD1	Schottky Diode	1
SOP8-pad	TPS54332	TPS54332	U1	4-Pin Phototransistor Optocoupler	1
TL431	TL431	TL431	U2		1
LQFP48	TMS320F2807	TMS320F2807	U4		1
SOP-4	TLP291	Optoisolator1	U5		1
SOIC8_39M	LM358	LM358	U6		1
M					
IR2101	IR2101	IRS2101	U7, U8, U9		3
					126

Approved	Notes