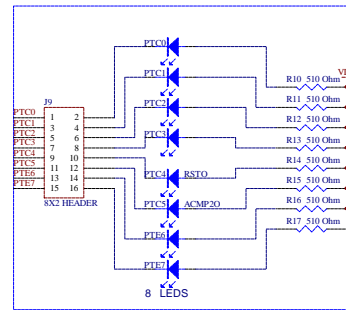
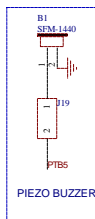
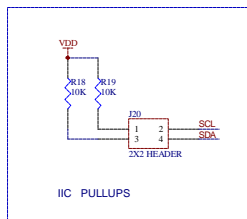
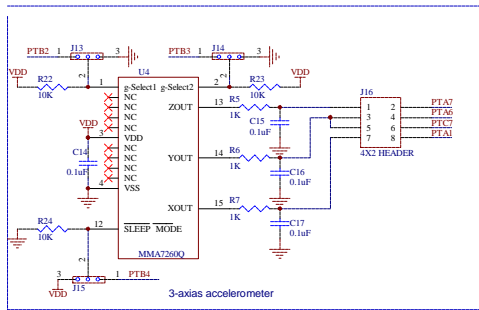


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DEMOQOE Base Board Schematic

Size B	FCSM No.	DWG No.	Rev B
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MCU_PORT_VDD	J1			
1	VDD	PTA5/RQ/TPM1CLK/RESET	2 RESET	
3	VSS	PTA5/RQ/TPM1CLK/RESET	4 RESET	
PTB1	5	PTA0/KBI1P5/TD1/ADP5	6 BKGD	
PTB0	7	PTB0/KBI1P4/RD1/ADP4	PTA6/ACMP10/BKGD/MS	8 PTE7
PTA9	9	PTA2/KBI1P2/SDA1/ADP2	PTB7/TPSPCLK (nc for 32 LQFP)	10 VREF1
PTA8	11	PTA1/KBI1P3/SCL1/ADP3	VREFH	12 VREFH
PTC0	13	PTC0/TPM3CH0	PTA0/KBI1P0/TPM1CH0/ADP0/ACMP1	14 PTA1
PTC1	15	PTC1/TPM3CH1	PTA1/KBI1P1/TPM2CH0/ADP1/ACMP1	16 PTA1
PTB3	17	PTB3/KBI1P7/MOSH/ADP7	PTF0/ADP10 (nc for 32 LQFP)	18 PTF0
PTB4	19	PTB4/TPM2CH1/MISO	PTF1/ADP11 (nc for 32 LQFP)	20 PTF1
PTB2	21	PTB2/KBI1P6/SPCK1/ADP6	PTA6/TPM1CH2/ADP6	22 PTA6
PTB5	23	PTB5/TPM1CH1/SS1	PTA7/TPM2CH2/ADP5	24 PTA7
PTD1	25	PTD1/KBI2P1/MOSI2	PTB6/SCL2 (PTB7/SCL1/EXTAL for 32 LQFP)	26 SCL
PTD2	27	PTD2/KBI2P2/MISO2	PTB7/SDA2 (PTB6/SDA1/XTAL for 32 LQFP)	28 SDA
PTD0	29	PTD0/KBI2P0/SPCK2	PTD4/KBI2P4 (nc for 32 LQFP)	30 PTD4
PTD3	31	PTD3/KBI2P3/SS2	PTD5/KBI2P5 (nc for 32 LQFP)	32 PTD5
PTC3	33	PTC3/TPM3CH2	PTD6/KBI2P6 (nc for 32 LQFP)	34 PTD6
PTC5	35	PTC5/TPM3CH3	PTD7/KBI2P7 (nc for 32 LQFP)	36 PTD7
PTC4	37	PTC4/TPM3CH4/RSTO	PTC7/IAD2/ACMP2	38 PTC7
PTC8	39	PTC8/TPM3CH5/ACMP20	PTC6/RAD2/ACMP2	40 PTC6
PTF2	41	PTF2/ADP12	PTB7/SCL1/EXTAL	42 PTF2
PTF3	43	PTF3/ADP13	PTB6/SDA1/XTAL	44 PTF6
PTF4	45	PTF4/ADP14	PTG0	46 PTF0
PTF5	47	PTF5/ADP15	PTG1	48 PTF1
PTF6	49	PTF6/ADP16	PTH0	50 PTF0
PTF7	51	PTF7/ADP17	PTH1	52 PTF1
PTG2	53	PTG2/ADP18	NC	54 NC
PTG3	55	PTG3/ADP19	NC	56 NC

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P&E Microcomputer Systems, Inc. 98 Gales Street, Floor 2 Watertown MA 02472 USA		DEMOQOE Base Board Schematic	
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Scale			Sheet 2 of 3

