

P&E Microcomputer Systems, Inc.
 98 Galen Street, Second Floor
 Watertown
 MA 02472
 USA

DEMOQE Base Board Schematic - Power

Size
A

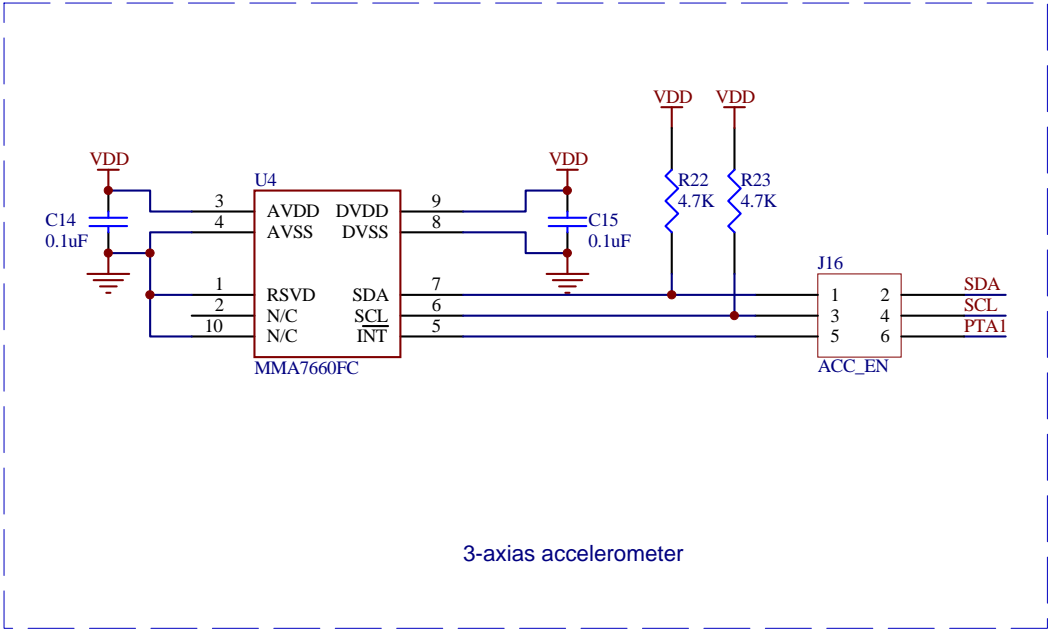
FCSM No.

DWG No.

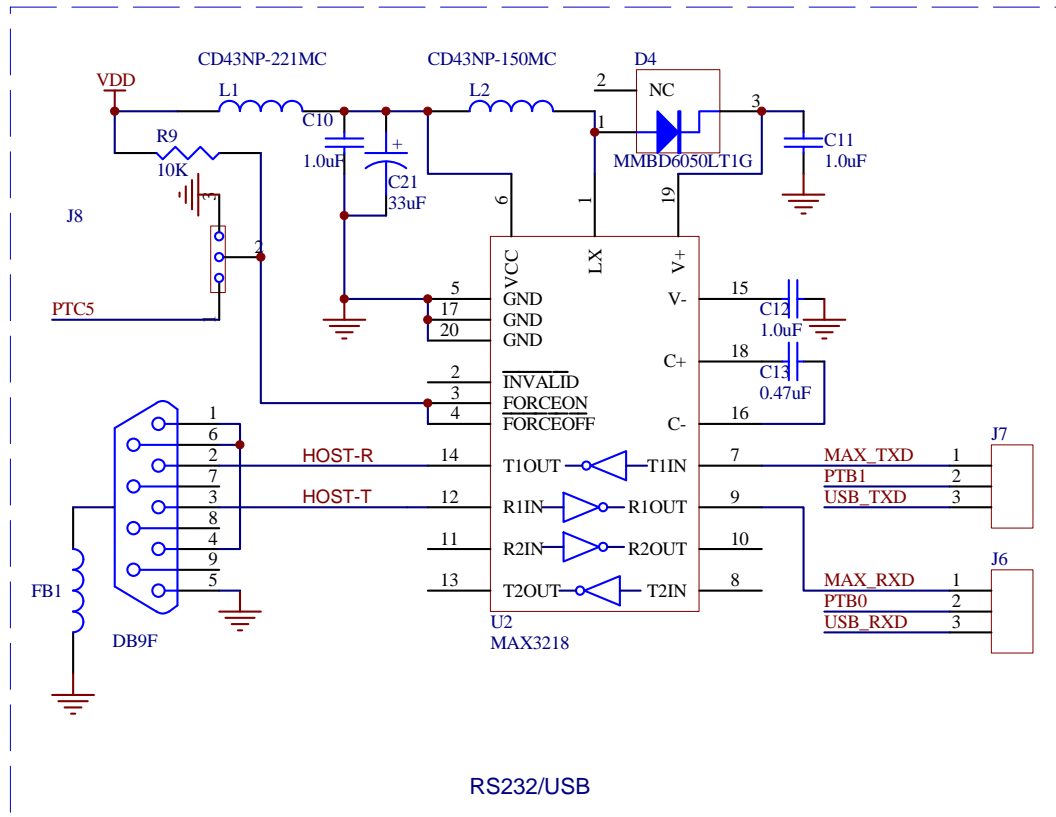
Rev
C

Scale

Sheet
2 of 7



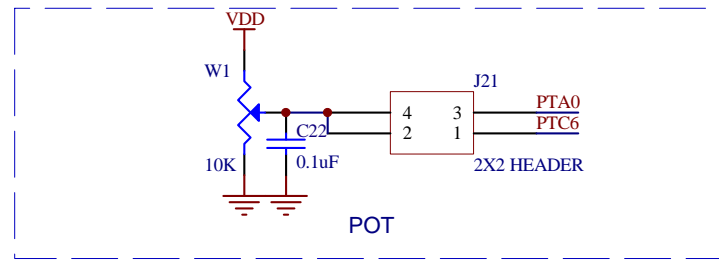
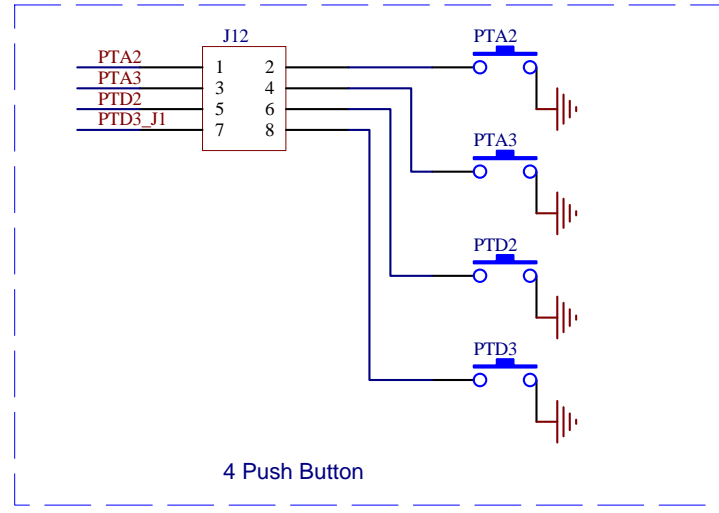
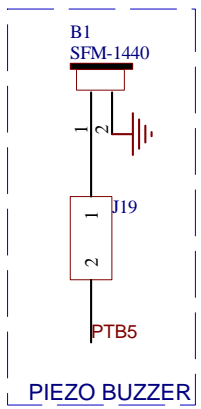
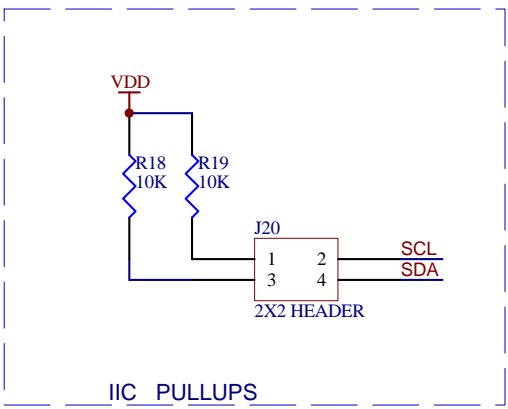
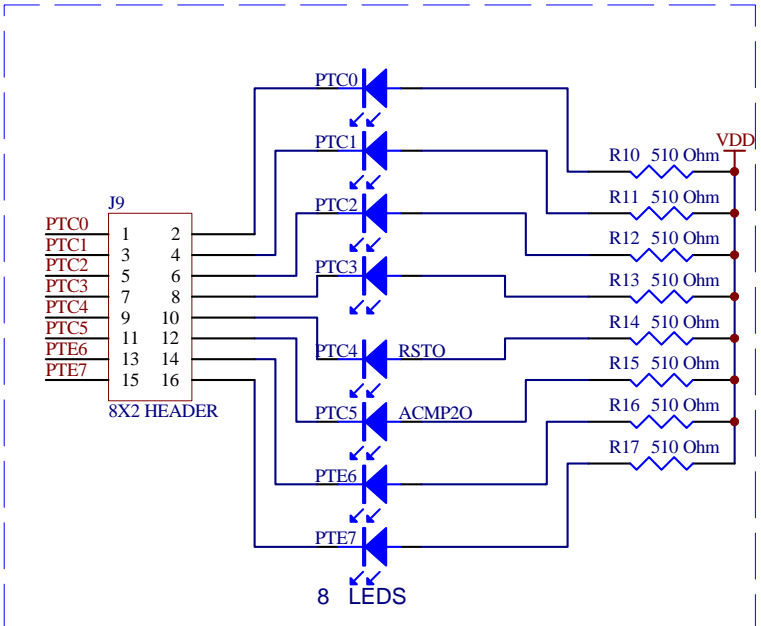
	P&E Microcomputer Systems, Inc. 98 Galen Street, Second Floor Watertown MA 02472 USA			
	DEMOQE Base Board Schematic - Accelerometer			
	Size A	FCSM No.	DWG No.	Rev C
	Scale		Sheet 3 of 7	



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DEMOQE Base Board Schematic - SCI

Size A	FCSM No.	DWG No.	Rev C
Scale	Sheet 4 of 7		



P&E Microcomputer Systems, Inc. 98 Galen Street, Second Floor Watertown MA 02472 USA			
DEMOQE Base Board Schematic - User IO			
Size A	FCSM No.	DWG No.	Rev C
Scale	Sheet 5 of 7		

1		2		3		4		
D								D
C								C
B								B
A								A

MCU_PORT_VDD

J1

1

VDD

PTA5/IRQ/TPM1CLK/RESET

2

RESET

3

VSS

PTA5/IRQ/TPM1CLK/RESET

4

RESET

PTB1

5

PTB1/KBI1P5/TxD1/ADP5

6

BKGD

PTB0

7

PTB0/KBI1P4/RxD1/ADP4

8

PTE7

PTA2

9

PTA2/KBI1P2/SDA1/ADP2

10

VREFH

PTA3

11

PTA3/KBI1P3/SCL1/ADP3

12

VREFL

PTC0

13

PTC0/TPM3CH0

14

PTA0

PTC1

15

PTC1/TPM3CH1

16

PTA1

PTB3

17

PTB3/KBI1P7/MOSI1/ADP7

18

PTF0

PTB4

19

PTB4/TPM2CH1/MISO1

20

PTF1

PTB2

21

PTB2/KBI1P6/SPSCK1/ADP6

22

PTA6

PTB5

23

PTB5/TPM1CH1/SS1

24

PTA7

PTD1

25

PTD1/KBI2P1/MOSI2

26

SCL

PTD2

27

PTD2/KBI2P2/MISO2

28

SDA

PTD0

29

PTD0/KBI2P0/SPSCK2

30

PTD4

PTD3

J1

31

PTD3/KBI2P3/SS2

32

PTD5

PTC2

33

PTC2/TPM3CH2

34

PTD6

PTC3

35

PTC3/TPM3CH3

36

PTD7

PTC4

37

PTC4/TPM3CH4/RSTO

38

PTC7

PTC5

39

PTC5/TPM3CH5/ACMP20

40

PTC6

PTF2

41

PTF2/ADP12

42

EXTAL

PTF3

43

PTF3/ADP13

44

XTAL

PTF4

45

PTF4/ADP14

46

PTG0

PTF5

47

PTF5/ADP15

48

PTG1

PTF6

49

PTF6/ADP16

50

PTH0

PTF7

51

PTF7/ADP17

52

PTH1

PTG2

53

PTG2/ADP18

54

PTE6

PTG3

55

PTG3/ADP19

56

NC

MCU_PORT

		P&E Microcomputer Systems, Inc. 98 Galen Street, Second Floor Watertown MA 02472 USA	
		DEMOQE Base Board Schematic - MCU_PORT	
	Size A	FCSM No.	DWG No.
	Scale	Sheet 6 of 7	

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DEMOQE Base Board Schematic - MCU_PORT

Size
A

FCSM No.

DWG No.

Rev
C

Scale

Sheet
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