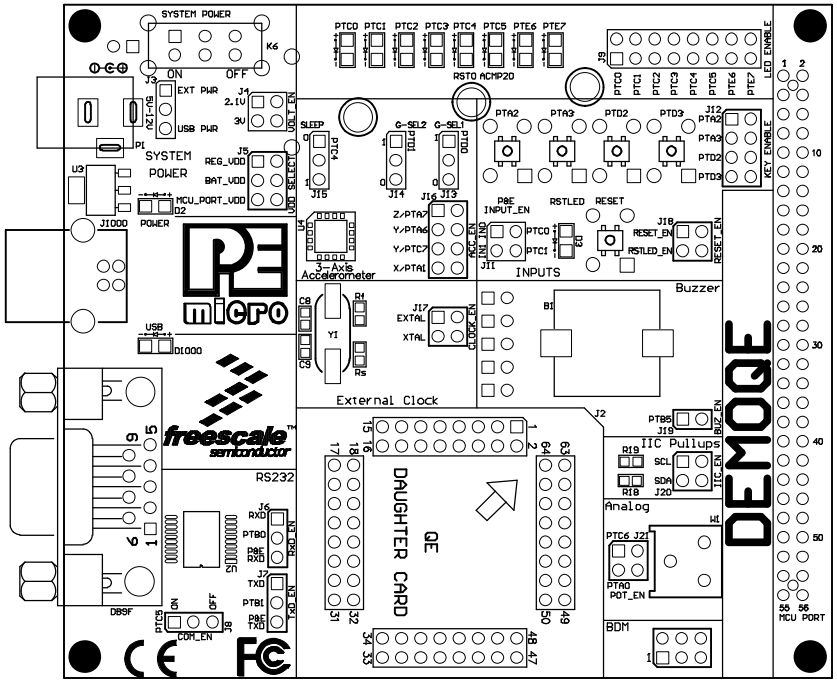
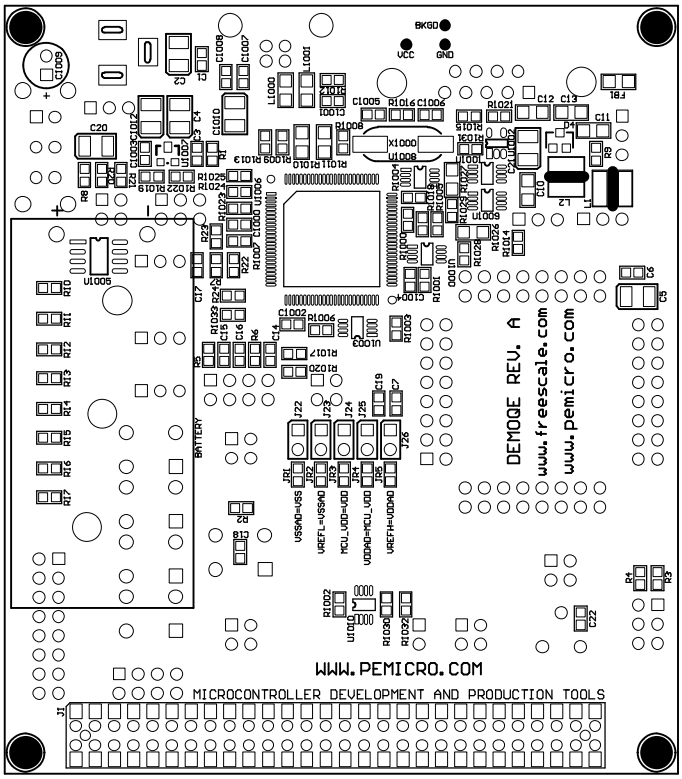

DEMOQE
SYSTEM POWER
K6
ON
OFF
J3
EXT PWR
USB PWR
J4
2.1V
3V
VOLT_EN
5V-12V
P1
SYSTEM
POWER
U3
J5
REG_VDD
BAT_VDD
MCU_PORT_VDD
VDD SELECT
POWER
D2
J1000
micro
USB
D1000
freescale
semiconductor
DB9F
RS232
J6
RXD
PTB0
PAE
RXD
RXD_EN
J7
TXD
PTB1
PAE
TXD
TXD_EN
J8
ON
OFF
PTC5
COM_EN
PTC0 PTC1 PTC2 PTC3 PTC4 PTC5 PTE6 PTE7
RST0 ACMP20
J9
LED ENABLE
SLEEP
PTC4
J15
G-SEL2
PTD1
J14
G-SEL1
PTD0
J16 J13
Z/PTA7
Y/PTA6
Y/PTC7
X/PTA1
ACC_EN
3-Axis
Accelerometer
U4
PTA2 PTA3 PTD2 PTD3
J12
KEY ENABLE
PAE
INPUT_EN
RSTLED
RESET
PTC0
PTC1
J11
INPUTS
D3
J18
RESET_EN
RSTLED_EN
RESET_EN
C8
R4
Y1
C9
R5
J17
EXTAL
XTAL
CLOCK_EN
External Clock
B1
Buzzer
J2
PTB5
J19
BUZ_EN
IIC Pullups
R19
SCL
R18
SDA
J20
IIC_EN
Analog
PTC6 J21
PTA0
POT_EN
H1
BDM
DAUGHTER CARD
QE
C5 C4 C3
C1 C2
R8 R7
R6 R5
64 63
50 49
48 47
1 2
55 56
MCU PORT
10
20
30
40
50


DEMOQE REV. A
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MICROCONTROLLER DEVELOPMENT AND PRODUCTION TOOLS
BATTERY
BKGD
VCC
GND
VSSAD=VSS
VREFL=VSSAD
MCU_VDD=VDD
VDDAD=MCU_VDD
VREFH=VDDAD