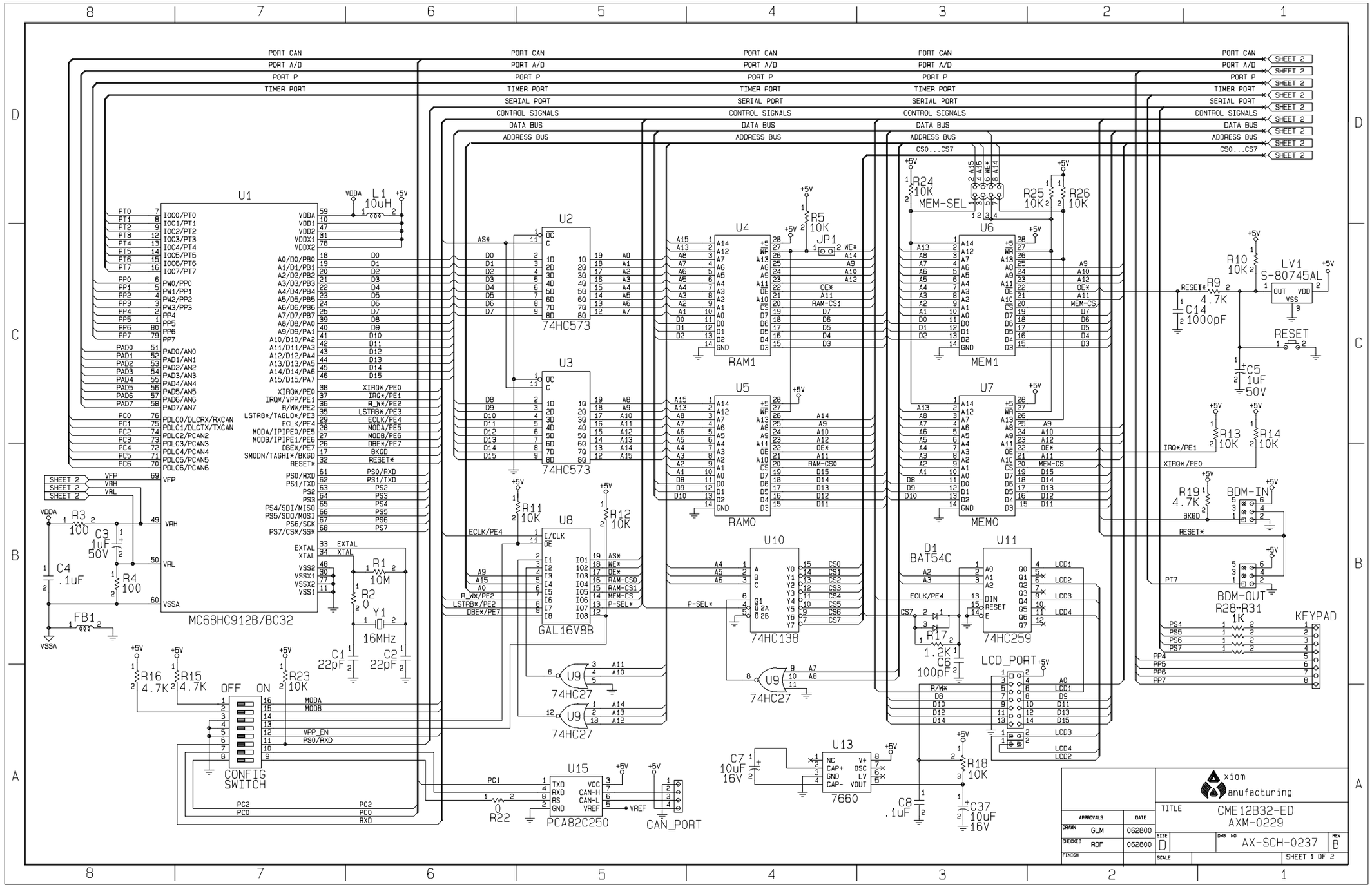
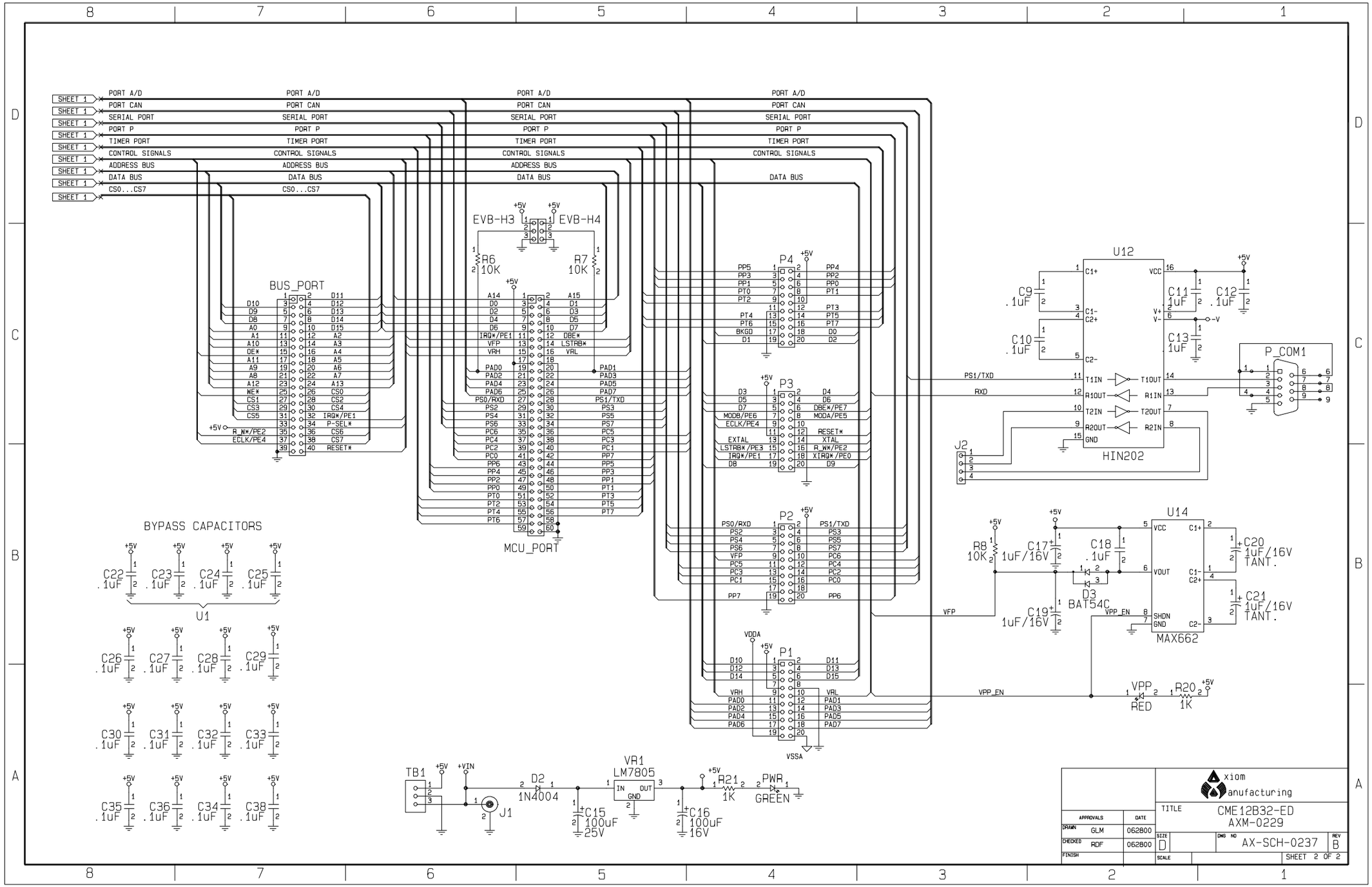

PORT CAN
PORT A/D
PORT P
TIMER PORT
SERIAL PORT
CONTROL SIGNALS
DATA BUS
ADDRESS BUS
CS0...CS7
SHEET 2
U1
MC68HC912B/BC32
L1 10uH
VDDA
VSSA
R3 100
C3 1uF 50V
C4 .1uF
R4 100
FB1
R1 10M
R2 0
Y1 16MHz
C1 22pF
C2 22pF
R16 4.7K
R15 4.7K
R23 10K
OFF ON
CONFIG SWITCH
U2
74HC573
U3
74HC573
U4
RAM1
U5
RAM0
R5 10K
JP1
U6
MEM1
U7
MEM0
R24 10K
MEM-SEL
R25 10K
R26 10K
R10 10K
LV1 S-80745AL
R9 4.7K
C14 1000pF
RESET
C5 1uF 50V
R13 10K
R14 10K
R19 4.7K
BDM-IN
BDM-OUT
R28-R31 1K
KEYPAD
U8
GAL16V8B
R11 10K
R12 10K
U9
74HC27
U10
74HC138
D1 BAT54C
U11
74HC259
R17 1.2K
C6 100pF
LCD_PORT
U13
7660
C7 10uF 16V
C8 .1uF
R18 10K
C37 10uF 16V
U15
PCA82C250
R22 0
CAN_PORT
xiom
anufacturing
TITLE
CME12B32-ED
AXM-0229
APPROVALS
DATE
DRAWN GLM 062800
CHECKED RDF 062800
FINISH
SIZE D
DWG NO AX-SCH-0237
REV B
SCALE
SHEET 1 OF 2


PORT A/D
PORT CAN
SERIAL PORT
PORT P
TIMER PORT
CONTROL SIGNALS
ADDRESS BUS
DATA BUS
CS0...CS7
SHEET 1
BUS_PORT
MCU_PORT
EVB-H3
EVB-H4
R6 10K
R7 10K
P4
P3
P2
P1
U12
HIN202
C9 .1uF
C10 .1uF
C11 .1uF
C12 .1uF
C13 .1uF
P_COM1
J2
U14
MAX662
R8 10K
C17 1uF/16V
C18 .1uF
C19 1uF/16V
C20 1uF/16V TANT.
C21 1uF/16V TANT.
D3 BAT54C
VPP
RED
R20 1K
BYPASS CAPACITORS
C22 .1uF
C23 .1uF
C24 .1uF
C25 .1uF
U1
C26 .1uF
C27 .1uF
C28 .1uF
C29 .1uF
C30 .1uF
C31 .1uF
C32 .1uF
C33 .1uF
C35 .1uF
C36 .1uF
C34 .1uF
C38 .1uF
TB1
J1
D2 1N4004
C15 100uF 25V
VR1 LM7805
C16 100uF 16V
R21 1K
PWR GREEN
VDDA
VSSA
VFP
VPP_EN
PS1/TXD
RXD
Axiom Manufacturing
TITLE
CME12B32-ED
AXM-0229
APPROVALS
DATE
DRAWN GLM 062800
CHECKED RDF 062800
FINISH
SIZE D
DWG NO AX-SCH-0237
REV B
SCALE
SHEET 2 OF 2