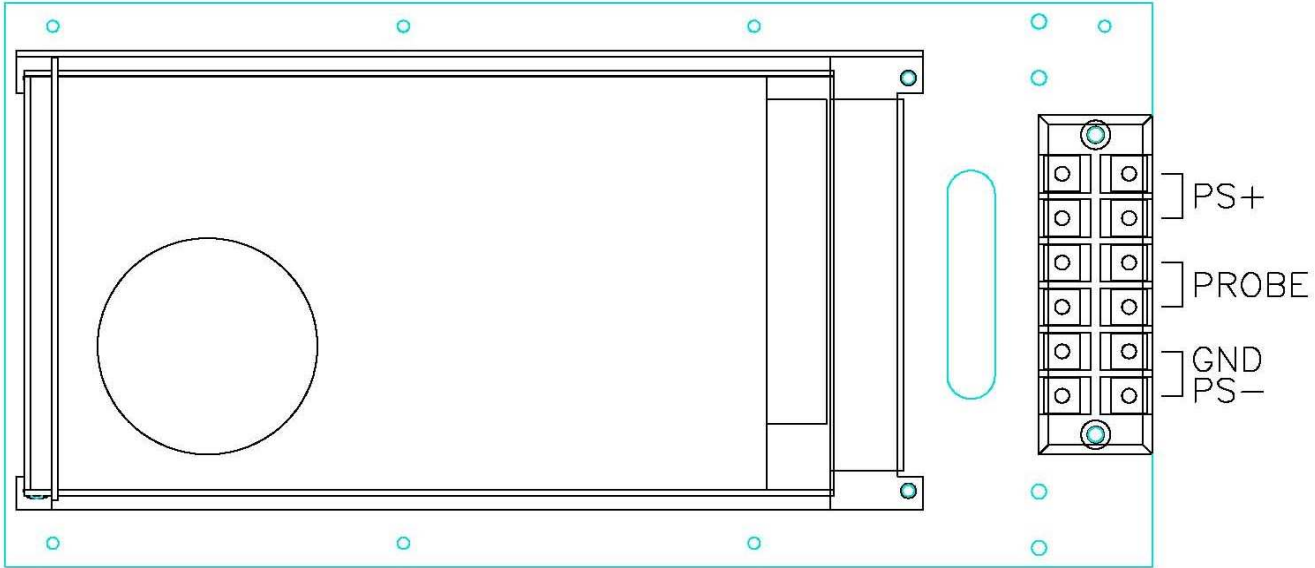
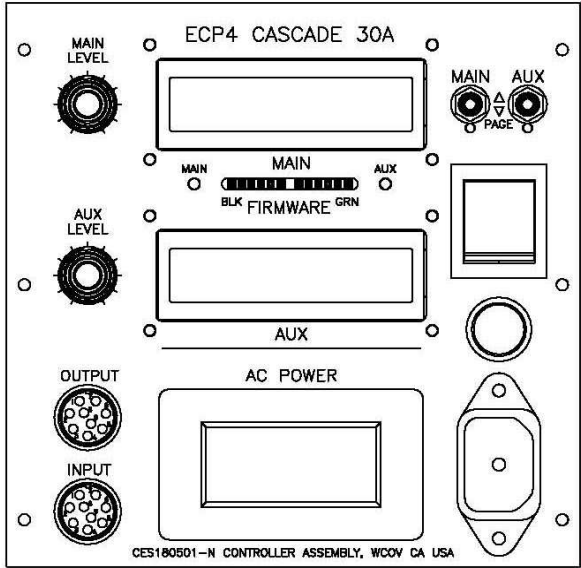
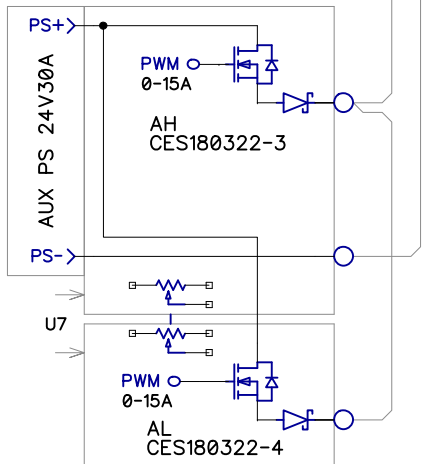
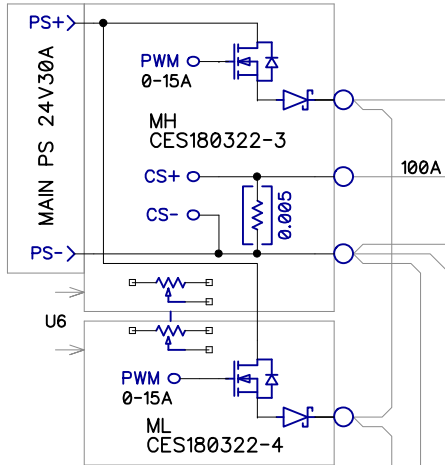




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	EXPANSION SYSTEM BLOCK		
	SIZE	DWG NO.	REV
	A	ECP4	01a
	ECP4B6_v01a_SystemBlock.dcn Sheet 1 of 5		

EMP4



CASCADE-OUT

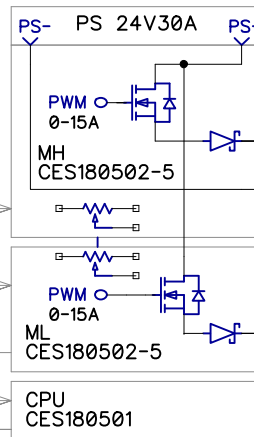
GX16-9
pin 1 +15V(FL)
pin 2 0V(FL)
pin 3 GATE(HI)
pin 4 +15VCC
pin 5 GATE(LO)
pin 6 SYS-GND
pin 7 RXD
pin 8 TXD
pin 9 EDM_ON-

EXPANSION-OUT

GX16-7
pin 1 +15VCC
pin 2 GATE(LO)
pin 3 SYS-GND(RX-)
pin 4 RXD/RX+
pin 5 TXD/TX-
pin 6 +5VCC(TX+)
pin 7 EDM_ON-

CASCADE
GX16
9EXPANSION
GX16
7

ECP4



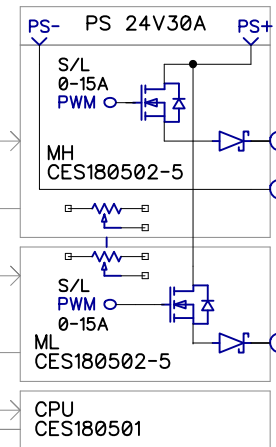
CASCADE-IN

GX16-9
pin 1 +15V(FL)
pin 2 0V(FL)
pin 3 GATE(HI)
pin 4 +15VCC
pin 5 GATE(LO)
pin 6 SYS-GND
pin 7 RXD
pin 8 TXD
pin 9 EDM_ON-

CASCADE-OUT

GX16-9
pin 1 +15V(FL)
pin 2 0V(FL)
pin 3 GATE(HI)
pin 4 +15VCC
pin 5 GATE(LO)
pin 6 SYS-GND
pin 7 RXD
pin 8 TXD
pin 9 EDM_ON-

EXP4



EXPANSION-IN

GX16-7
pin 1 +15VCC
pin 2 GATE(LO)
pin 3 SYS-GND(RX-)
pin 4 RXD/RX+
pin 5 TXD/TX-
pin 6 +5VCC(TX+)
pin 7 EDM_ON-

EXPANSION-OUT

GX16-7
pin 1 +15VCC
pin 2 GATE(LO)
pin 3 SYS-GND(RX-)
pin 4 RXD/RX+
pin 5 TXD/TX-
pin 6 +5VCC(TX+)
pin 7 EDM_ON-

EDMP4 SYSTEM CONFIG

PROPRIETARY NOTICE

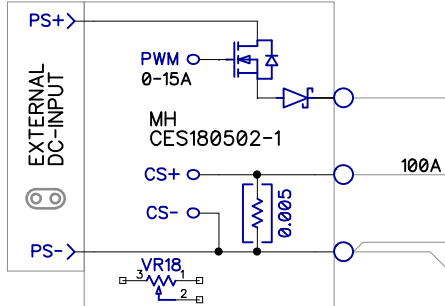
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EXPANSION SYSTEM BLOCK

SIZE	DWG NO.	REV
A	ECP4	01a
ECP4B6_v01a_SystemBlock.doc Sheet 2 of 5		

EMC4



CASCADE-OUT

GX16-9
 pin 1 +15V(FL)
 pin 2 0V(FL)
 pin 3 GATE(HI)
 pin 4 +15VCC
 pin 5 GATE(LO)
 pin 6 SYS-GND
 pin 7 RXD
 pin 8 TXD
 pin 9 EDM_ON-

CAS-OUT1

GX16

9

CAS-OUT2

GX16

9

EXPANSION-OUT

GX16-7
 pin 1 +15VCC
 pin 2 GATE(LO)
 pin 3 SYS-GND(RX-)
 pin 4 RXD/RX+
 pin 5 TXD/TX-
 pin 6 +5VCC(TX+)
 pin 7 EDM_ON-

EXP-OUT1

GX16

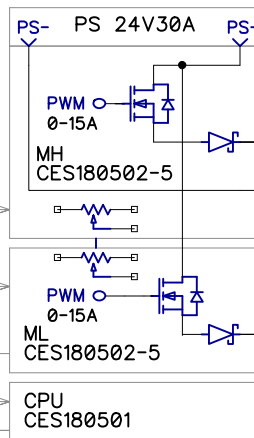
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EXP-OUT2

GX16

7

ECP4



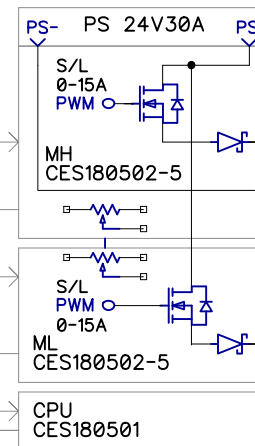
CASCADE-IN

GX16-9
 pin 1 +15V(FL)
 pin 2 0V(FL)
 pin 3 GATE(HI)
 pin 4 +15VCC
 pin 5 GATE(LO)
 pin 6 SYS-GND
 pin 7 RXD
 pin 8 TXD
 pin 9 EDM_ON-

CASCADE-OUT

GX16-9
 pin 1 +15V(FL)
 pin 2 0V(FL)
 pin 3 GATE(HI)
 pin 4 +15VCC
 pin 5 GATE(LO)
 pin 6 SYS-GND
 pin 7 RXD
 pin 8 TXD
 pin 9 EDM_ON-

EXP4



EXPANSION-IN

GX16-7
 pin 1 +15VCC
 pin 2 GATE(LO)
 pin 3 SYS-GND(RX-)
 pin 4 RXD/RX+
 pin 5 TXD/TX-
 pin 6 +5VCC(TX+)
 pin 7 EDM_ON-

EXPANSION-OUT

GX16-7
 pin 1 +15VCC
 pin 2 GATE(LO)
 pin 3 SYS-GND(RX-)
 pin 4 RXD/RX+
 pin 5 TXD/TX-
 pin 6 +5VCC(TX+)
 pin 7 EDM_ON-

EDMC4 SYSTEM CONFIG

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EXPANSION SYSTEM BLOCK

SIZE	DWG NO.	REV
A	ECP4	01a
ECP4B6_v01a_SystemBlock.doc Sheet 3 of 5		

4

3

2

1

D

D

C

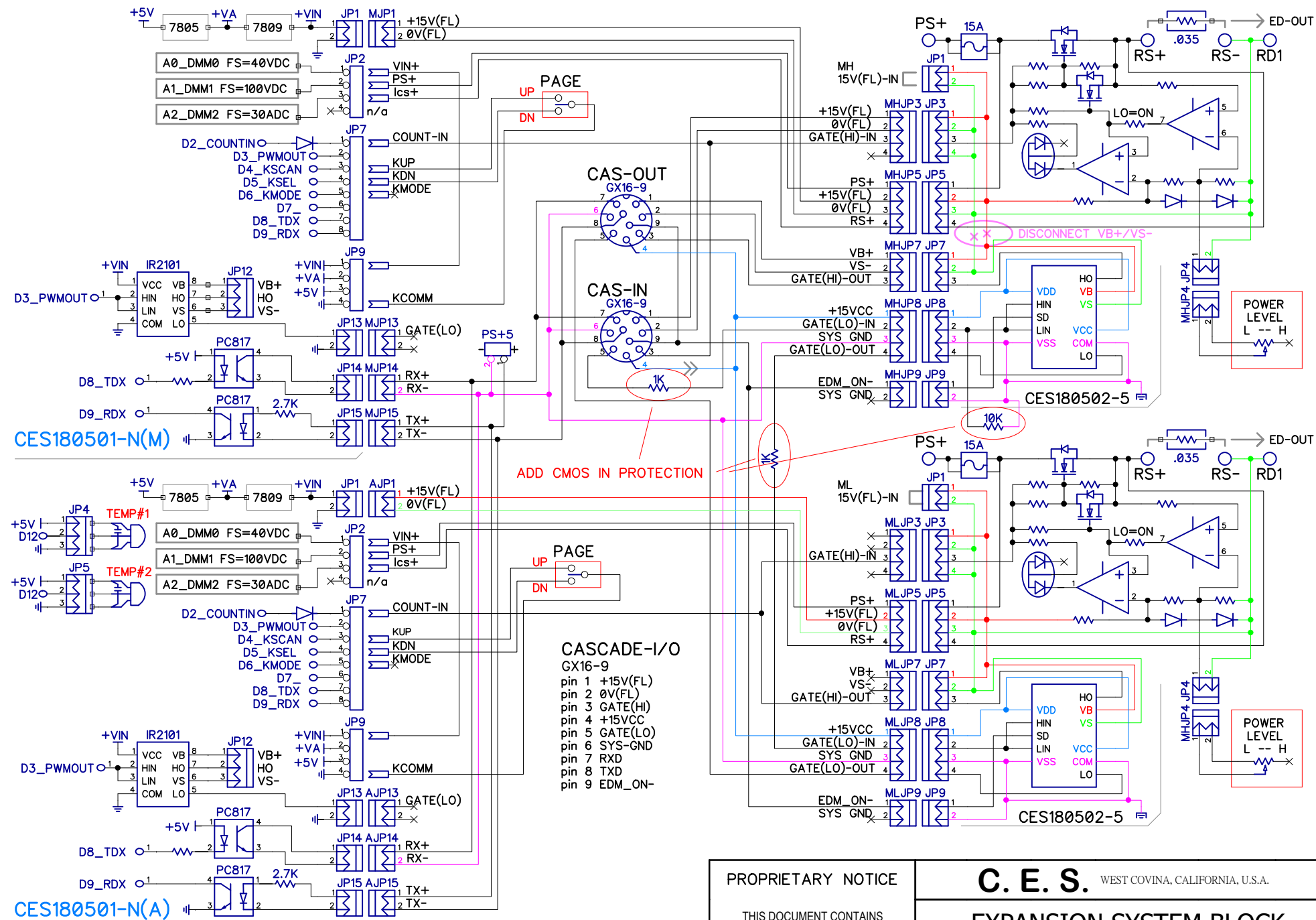
C

B

B

A

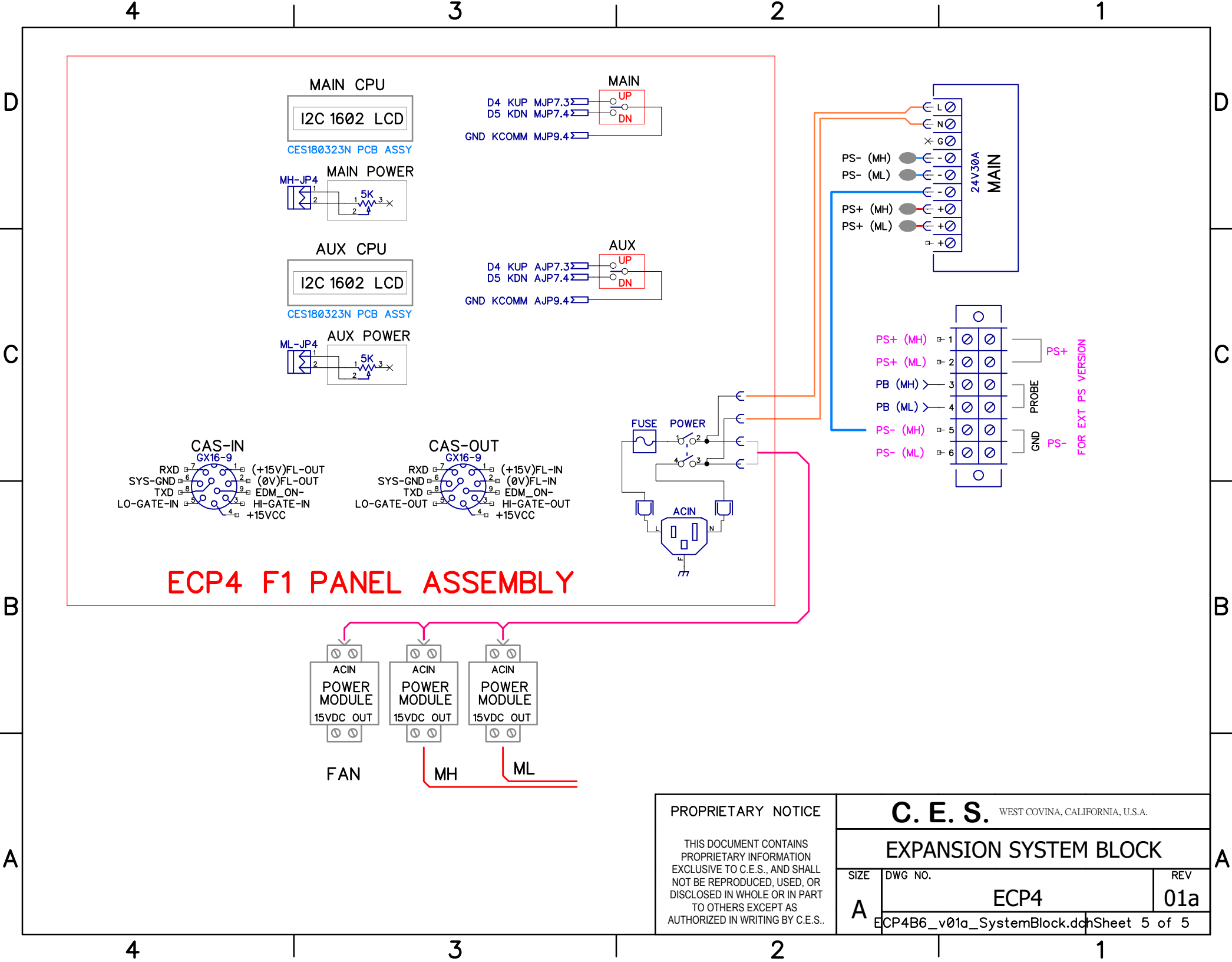
A



Note: Remove D6 on all 0502 assy.

NOTE:
1. CES180502-5 POWER BOARD
2. CES180501-N CPU BOARD
3. NO LOCAL PWM
4. NO DCOMM

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SIZE	DWG NO.	ECP4	
A		01a	
ECP4B6_v01a_SystemBlock.doc Sheet 4 of 5			



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	EXPANSION SYSTEM BLOCK	
	SIZE DWG NO.	REV
A	ECP4	01a
	ECP4B6_v01a_SystemBlock.doc Sheet 5 of 5	