FCI-800 Board Schematics

System Overview:

The eN-Display Board is a hardware platform based on Atmel'S SAM9X35 microcontroller. It's mainly used in LCD display, communication. The product provides different communication ports, including RS-232,RS-485,CAN,10/100M Ethernet port,USB, SD card.

Hardware Specification:

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Power Supply:
  +24V Power input, maximum input current 500mA.
 AT91SAM9X35 400MHz ARM926EJ-S
RAM:
  128MB 16bit DDR2 (up to 256MB)
NAND:
 256MB(K9F2G08) (up to 1G)
Dataflash:
  4M bits
Serial Interfaces:
 3 * RS-232
  1* RS-485
 2*CAN, one with isolator
 10/100M ethernet
 USB 2.0 full-speed host
SD Card:
 Micro SD connector
LCD Panel:
 7" TFT panel
Buzzer:
 Min 85dB&30 cm, optional
Key:
 22 keys
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<Variant Name>

Honeywell Fire Systems	霍尼韦尔消防安防系统 (上海)有限公司 中国上海浦东新区张江高科技园区 李冰路430号 Document Number/文档号: FCI-800	
No.430 Li Bing Road Zhang Jiang Hi-Tech Park Pudong New Area Shanohai 201203. China		
Title/标题: Cover Page/封面		
Size/尺寸: Author/设计: Electric Eng/审核: B Zhu Jiahu/朱家虎 Yan Yu/闫爾	Approved By/批准: Rev/版本: Han Bin/韩斌 1.2	
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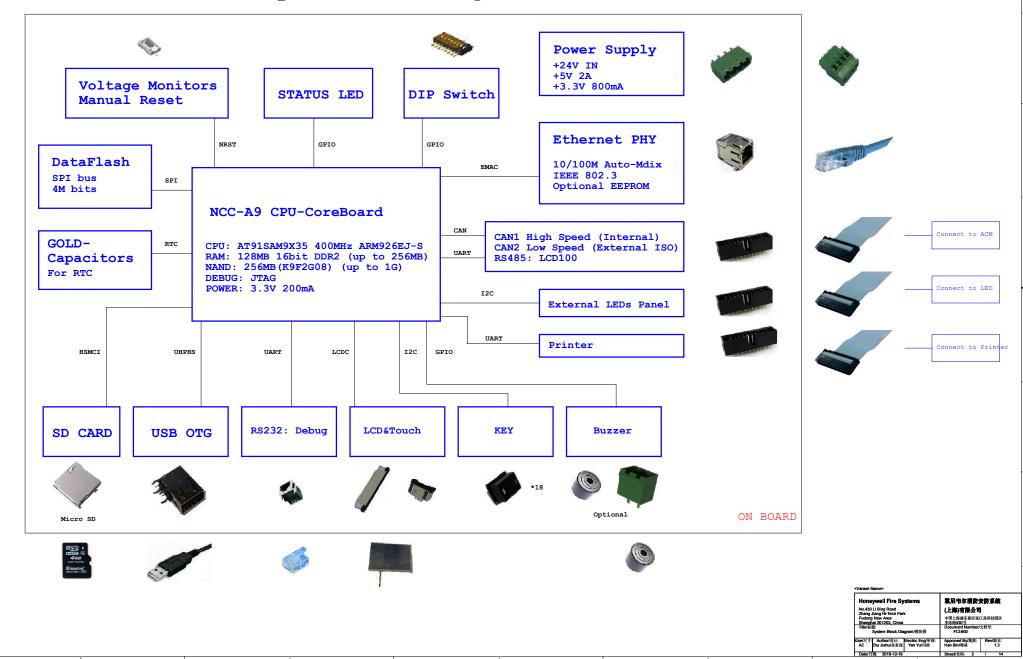
Revision History

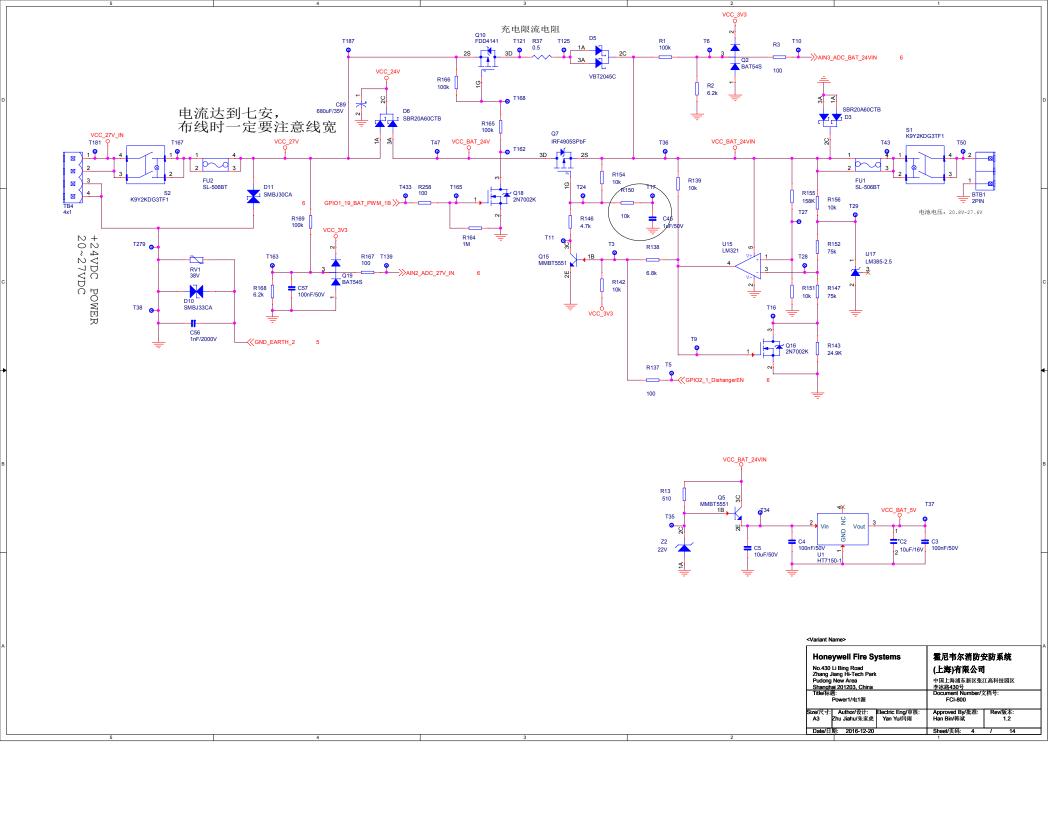
DATE Rev	Description	Author
2012-09-19 V1.0	创建	朱家虎
2013-07-04 V1.1	增加: C55=10nF/C22=C24=C25=C26=C62=C63=C64=C65=100nF/C45=10uF416V; R2=10x/R24=R27=R69=10k/R25=R28=1k/R31=1.5k/R75=75/R78=R79=R80=R81=620/R82=R83=0; J5/J9/J10; D5=SD1011M 变更: D7=SS24 D4=SD101AW	朱家虎
2013-12-04 V1.2	增加: R45/R49/R57 C55=10nF/C22=C24=C25=C26-C62=C63=C64=C65=100nF/C45=10uF616V; R2=10x/R24=R27=R69=10K/R25=R28=1K/R31=1.5K/R75=75/R78=R79=R80=R81=620/R82=R83=0; J5/J9/J10; D5=SD101AW 使更: R53/R55/R58/R61/R91/R97/R98/R99=100 D4=SD101AW	朱家虎
2014-03-03 V1.3	対象	朱家虎

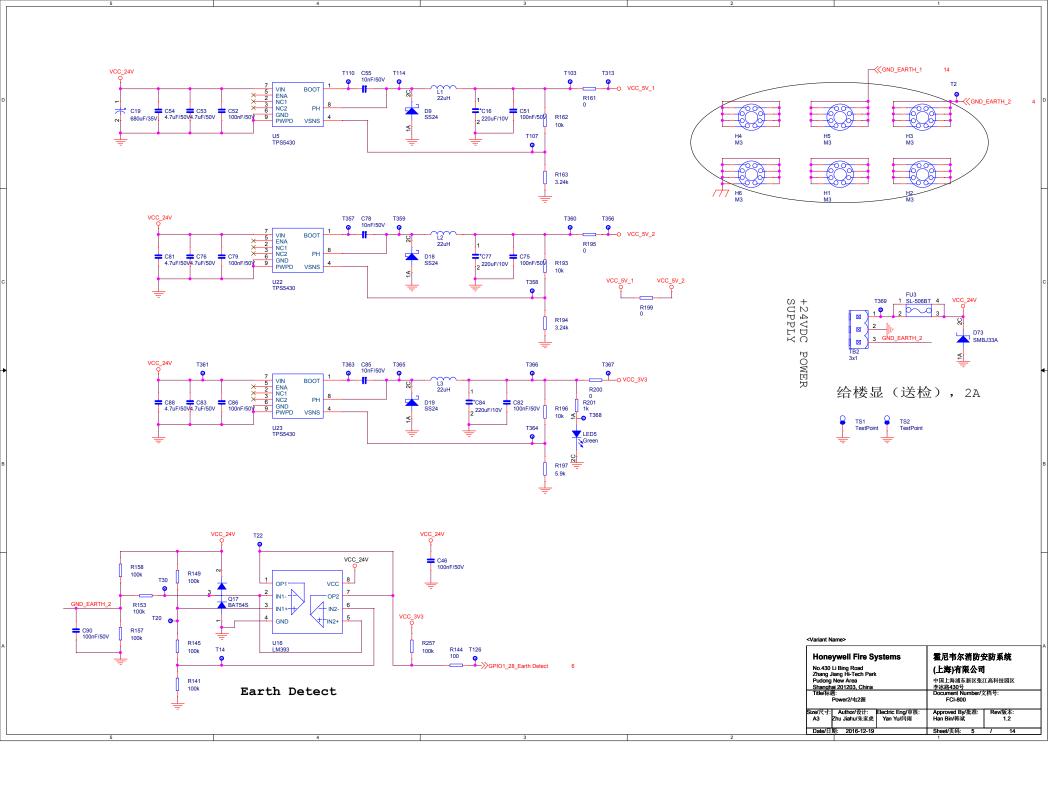
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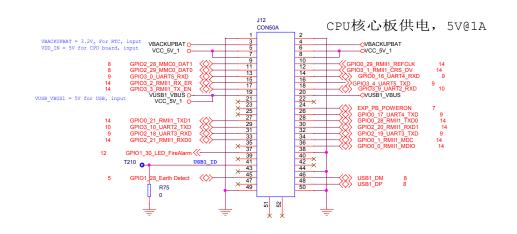
Honeywell Fire Systems No.430 Li Bing Road Zhang Jiang Hi-Tech Park		電尼韦尔消防安防系统 (上海)有限公司		
Title/标题: Revision History/历史修改		Document Number/文档号: FCI-800		
ze/尺寸 C	: Author/设计: Zhu Jiahu/朱家虎	Electric Eng/审核: Yan Yu/闫雨	Approved By/批准: Han Bin/韩斌	Rev/版本: 1.2
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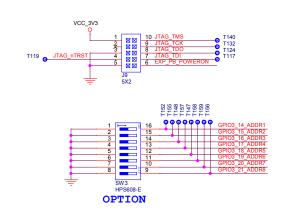
System Block Diagram

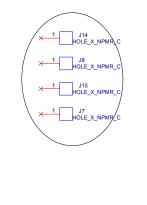


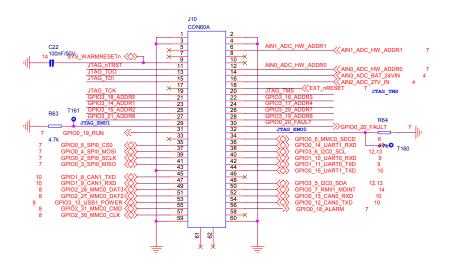


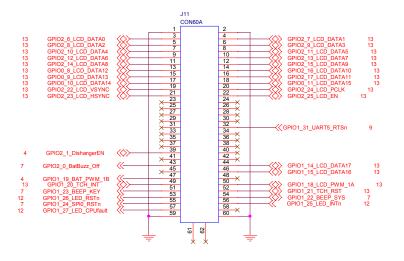






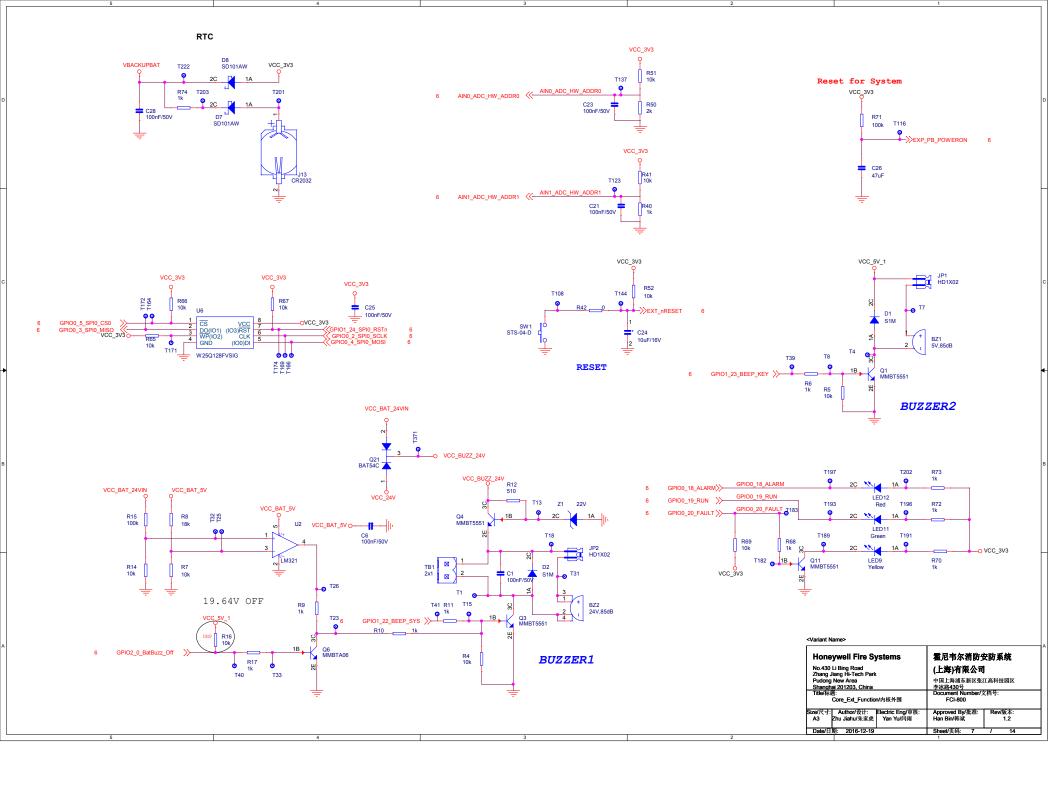


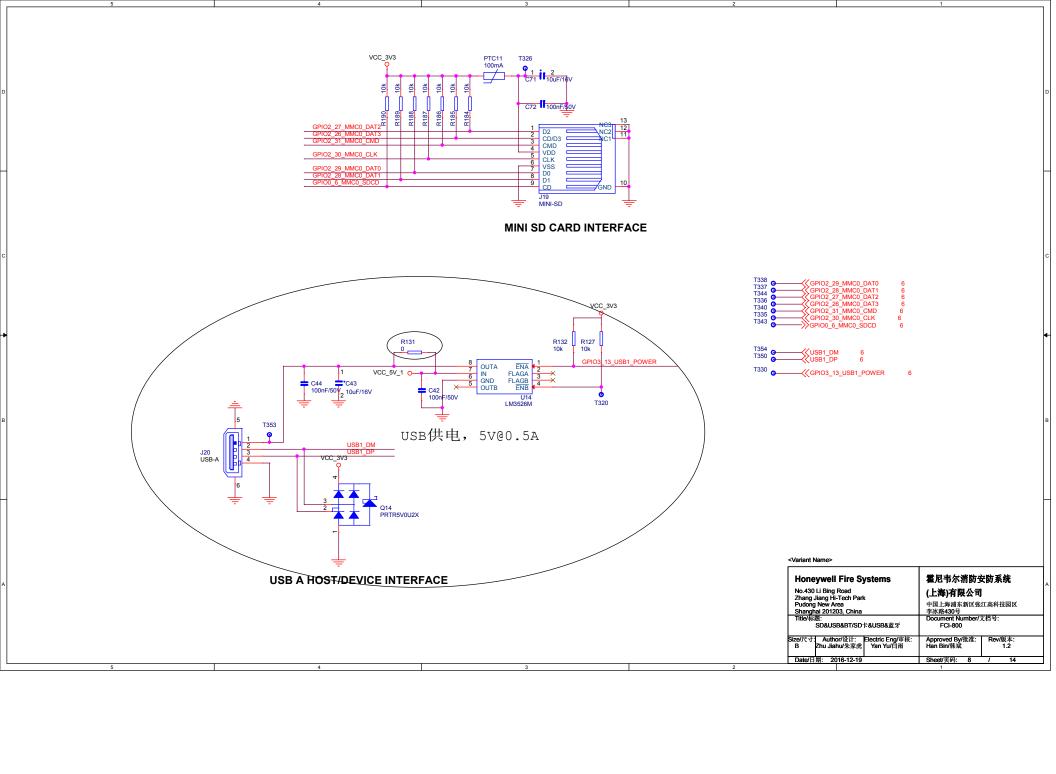


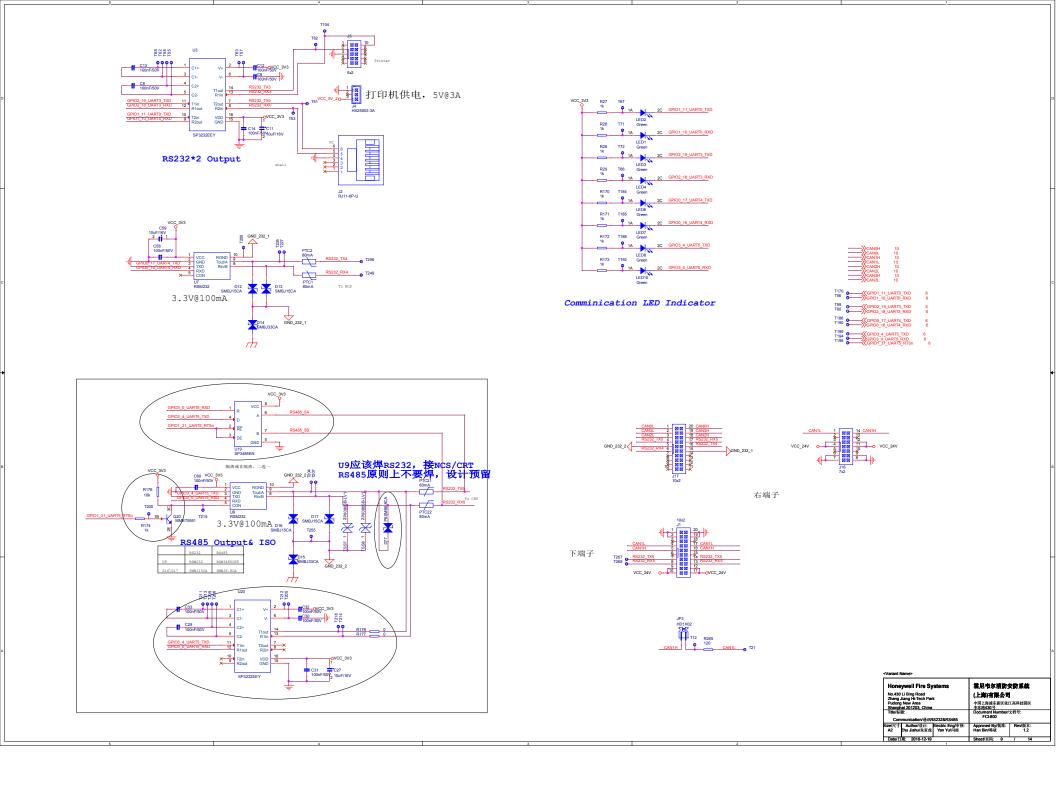


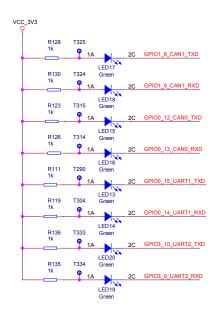
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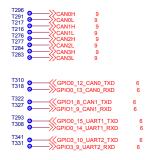


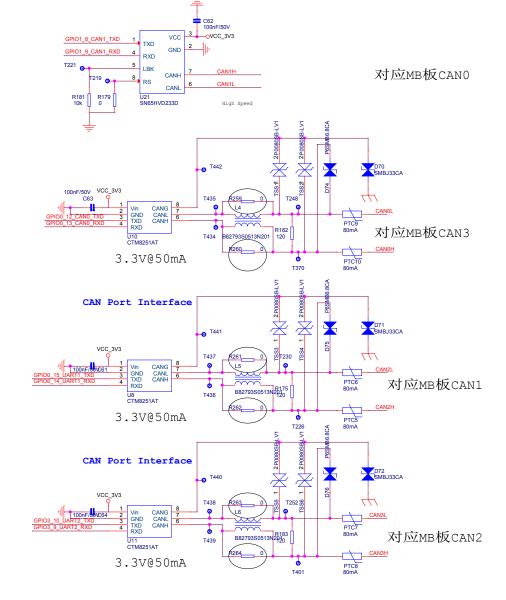






Comminication LED Indicator





CAN Port Interface

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No.430 Li Bing Road Zhang Jiang Hi-Tech Park		
Pudong New Area		
Shanghai 201203, China		
Title/标题: Communication/通讯CAN		
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