원 본

SCHEMATIC

MODEL : DUALEYE-PCA20

DOC NO : EP06-06-004

PAGES : 10(include cover, history)

DATE : 2007.03.05

DRAW	CHECK	APPROVE

DUALi INC.

MODEL : DUALEYE-PCA20

HISTORY

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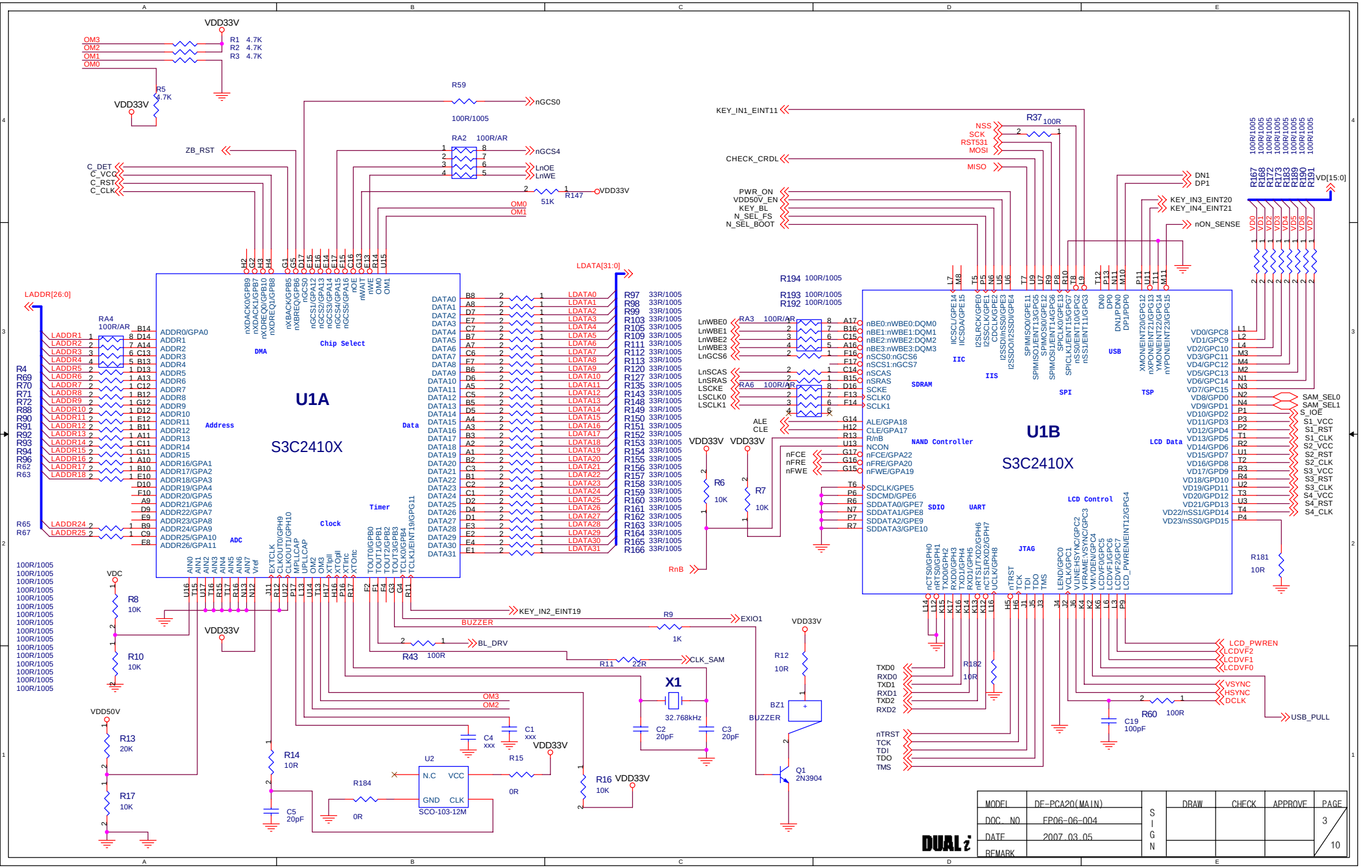
NO	DATE	PAGES	DESCRIPTION
1	2006.09.20	ALL	FIRST DRAW
2	2006.11.13	ALL	Working Sample 후 수정
3	2006.12.14	ALL	P/P 용으 ?배포
4	2006.12.29	3,4,5,8,11	CPU 안쓰는 핀 GND 연결, Oscillator 주변 bead(저항) Test Point 저항처리, Nand CS 앞 ?저항추가, 안쓰는 LCD 콘넥터(J10) 제거 RF(J5)-접촉식 카드(J4) 콘넥터 합쳐서 DIP 콘넥터 하나로 변경(J5)
5	2007.02.05	3,5,6,8	3Page(U1 E15,E16,F10,F15,A9,D9,E8,E9 GND -> OPEN, R4,R37,R43추가) 5Page(U8C, U8D 鞘쩟?GND 연결) 6Page(BD7, Q4추가, C6,C11,C19 추가) 8Page(U20 6번 ?GND 연결)
6	2007.02.21	3,5,6,7, 10,11	3Page : RA1->R59 / insert R at DATA,ADDR,VDATA BUS / R60,C19 insert 5Page : Bead insert at SDRAM POWER / cap relocate 6Page : 3.3V, 5V, 2V inductor(L9,10,11) insert / cap relocate 7,10Page : Change cradle 232 comm to RS_TXD, RS_RXD / LAN delete 11Page : C72 insert
7	2007.03.05	3,7	DATA line 저항 100R-> 33R, 방사 대책 부품 교체(값 수정)
8			
9			
10			
11			
12			
13			


U1A
S3C2410X
U1B
S3C2410X
Chip Select
DMA
Address
Data
Clock
Timer
ADC
SDRAM
NAND Controller
IIC
IIS
SPI
USB
TSP
LCD Data
LCD Control
SDIO
UART
JTAG
X1
32.768kHz
BUZZER
SCO-103-12M
VDD33V
VDD50V
LADDR[26:0]
LDATA[31:0]
VD[15:0]
KEY_IN1_EINT11
CHECK_CRDL
PWR_ON
VDD50V_EN
KEY_BL
N_SEL_FS
N_SEL_BOOT
ZB_RST
C_DET
C_VCC
C_RST
C_CLK
nGCS0
nGCS4
LnOE
LnWE
MISO
NSS
SCK
RST531
MOSI
DN1
DP1
KEY_IN3_EINT20
KEY_IN4_EINT21
nON_SENSE
KEY_IN2_EINT19
EXIO1
BL_DRV
CLK_SAM
USB_PULL
LCD_PWREN
LCDVF2
LCDVF1
LCDVF0
VSYNC
HSYNC
DCLK
SAM_SEL0
SAM_SEL1
S_IOE
S1_VCC
S1_RST
S1_CLK
S2_VCC
S2_RST
S2_CLK
S3_VCC
S3_RST
S3_CLK
S4_VCC
S4_RST
S4_CLK
TXD0
RXD0
TXD1
RXD1
TXD2
RXD2
nTRST
TCK
TDI
TDO
TMS
RnB
ALE
CLE
nFCE
nFRE
nFWE
R1 4.7K
R2 4.7K
R3 4.7K
R5 4.7K
R147 51K
R37 100R
R59 100R/1005
RA2 100R/AR
RA3 100R/AR
RA4 100R/AR
RA6 100R/AR
R194 100R/1005
R193 100R/1005
R192 100R/1005
R97 33R/1005
R98 33R/1005
R99 33R/1005
R103 33R/1005
R105 33R/1005
R109 33R/1005
R111 33R/1005
R112 33R/1005
R113 33R/1005
R120 33R/1005
R127 33R/1005
R135 33R/1005
R143 33R/1005
R148 33R/1005
R149 33R/1005
R150 33R/1005
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R162 33R/1005
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R164 33R/1005
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R166 33R/1005
R167 100R/1005
R168 100R/1005
R172 100R/1005
R173 100R/1005
R183 100R/1005
R189 100R/1005
R190 100R/1005
R191 100R/1005
R6 10K
R7 10K
R8 10K
R9 1K
R10 10K
R11 22R
R12 10R
R13 20K
R14 10R
R15 0R
R16 10K
R17 10K
R43 100R
R60 100R
R181 10R
R182 10R
R184 0R
C1 xxx
C2 20pF
C3 20pF
C4 xxx
C5 20pF
C19 100pF
Q1 2N3904
BZ1
U2
N.C
VCC
GND
CLK
MODEL DF-PCA20(MAIN)
DOC. NO FP06-06-004
DATE 2007.03.05
REMARK
SIGN
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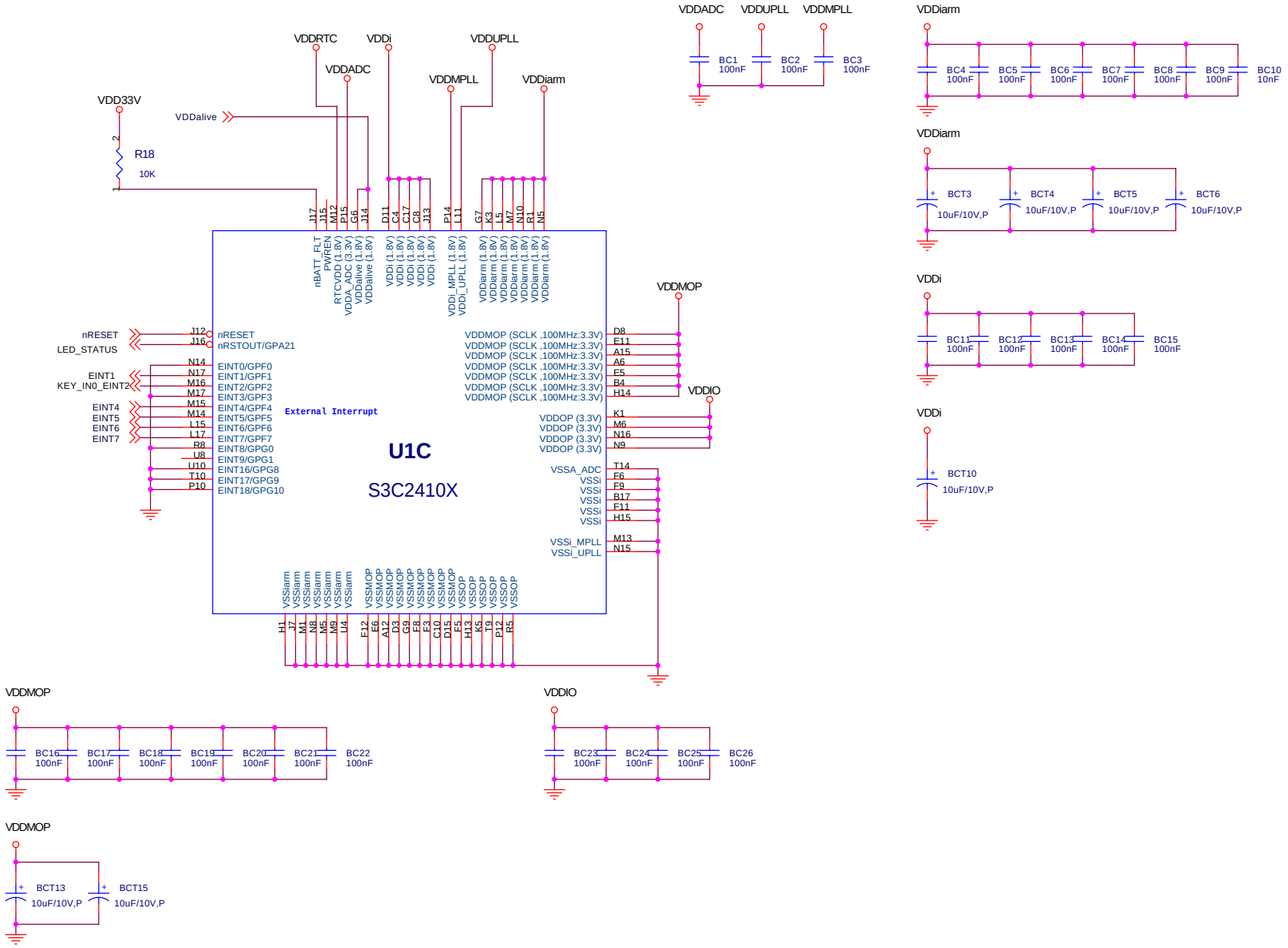
PAGE 3/10
DUALi



MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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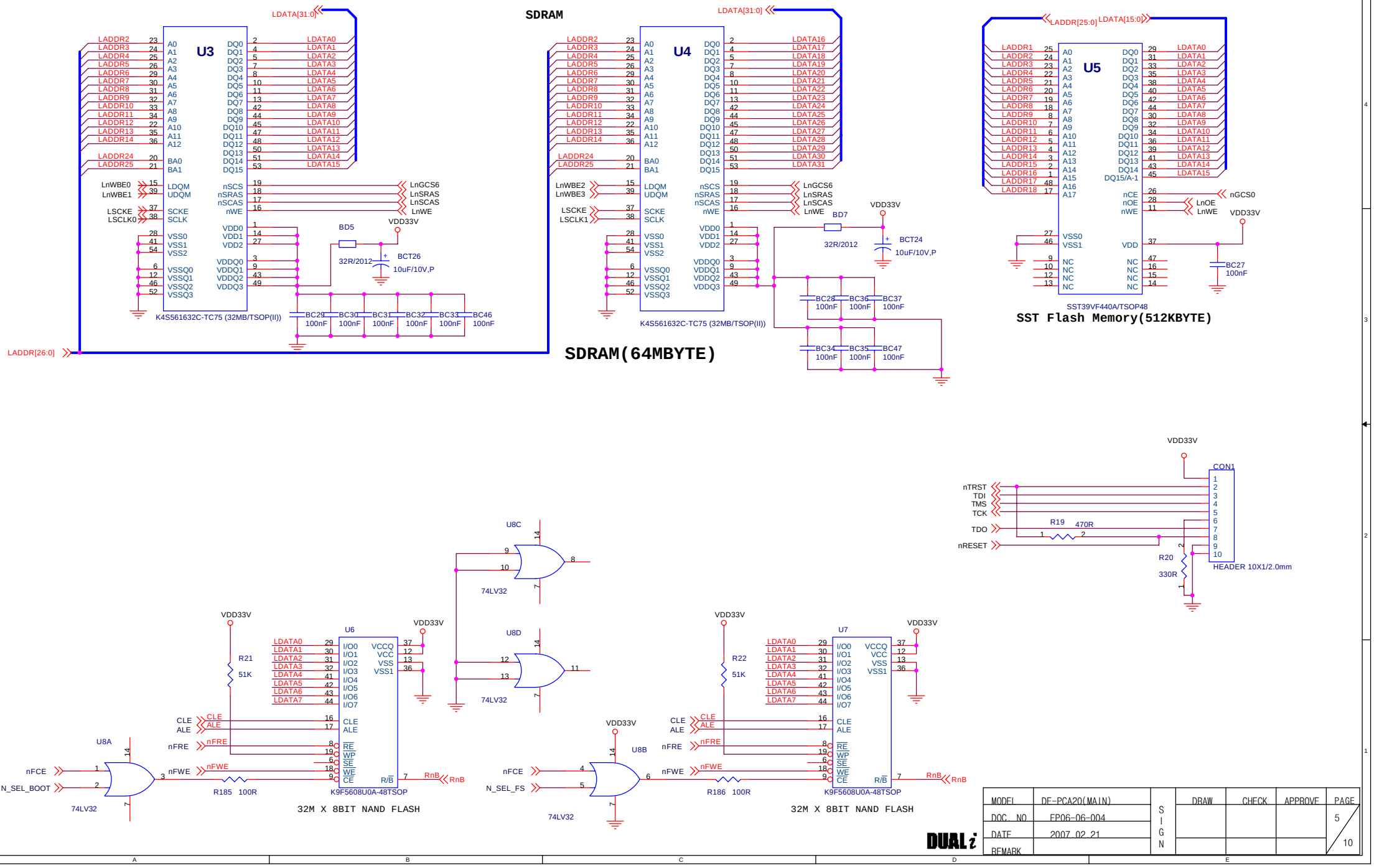
REMARK						

DUALi



MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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REMARK						

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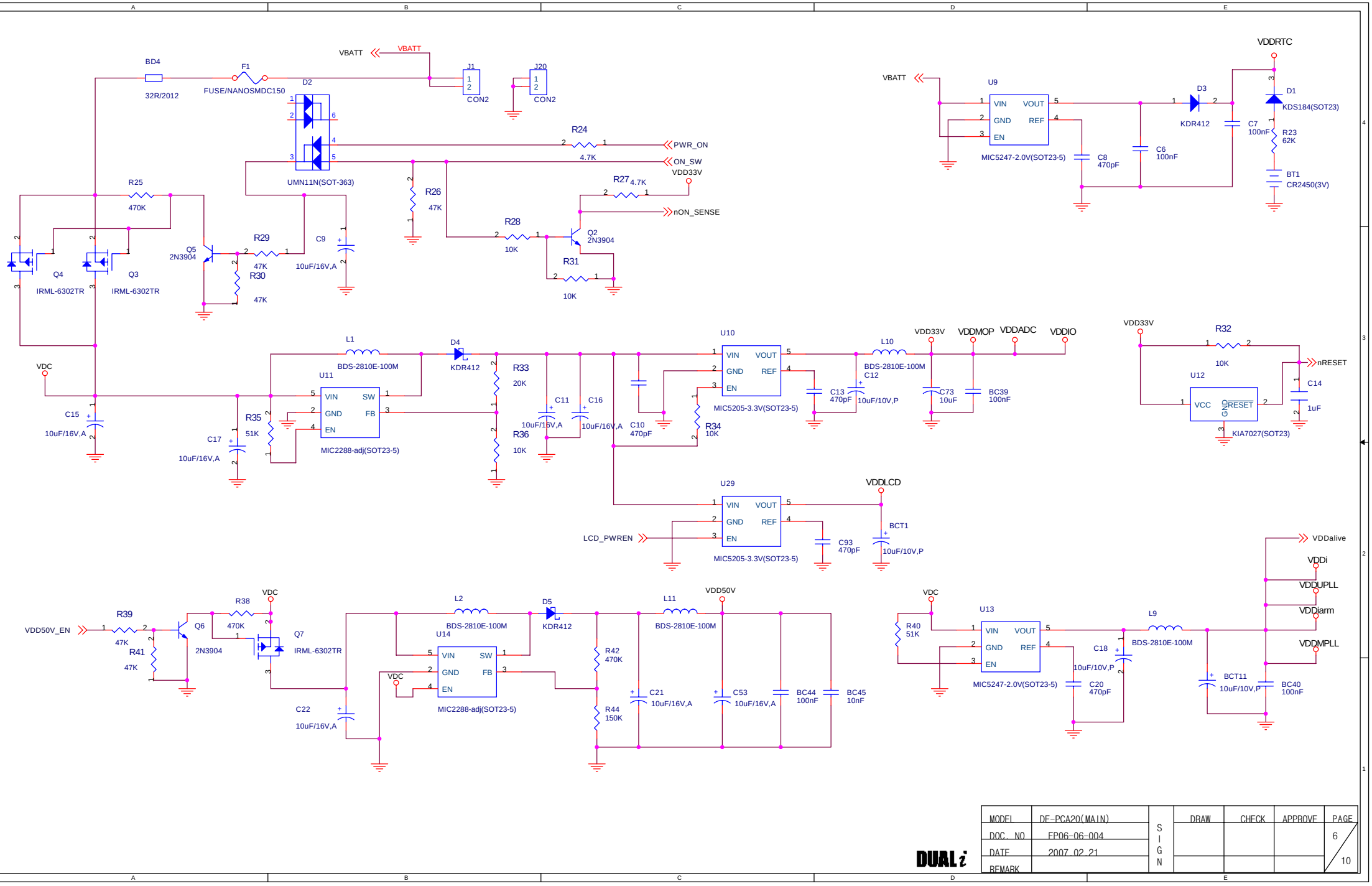

MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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REMARK						

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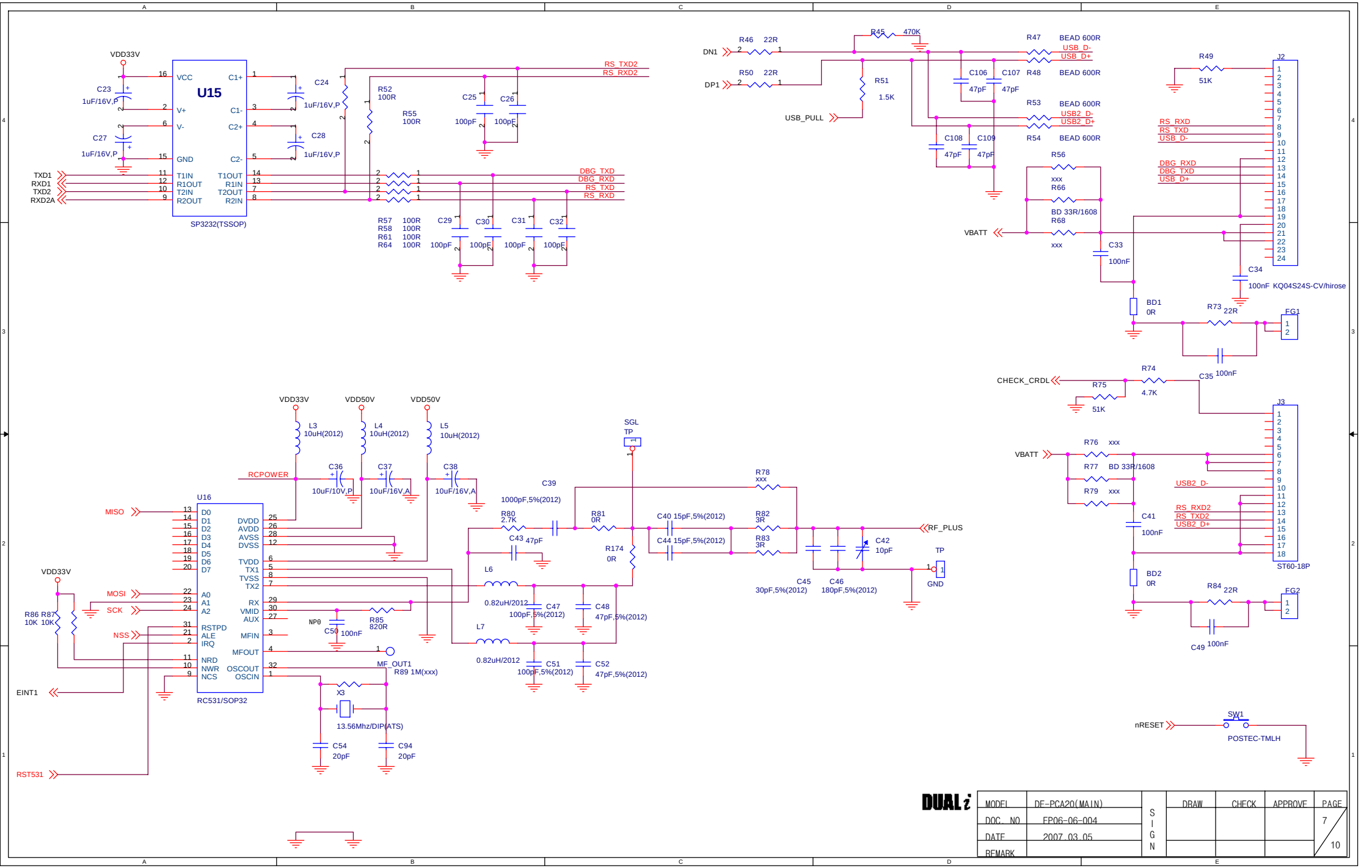

DUALi	MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE
	DOC. NO	FP06-06-004				
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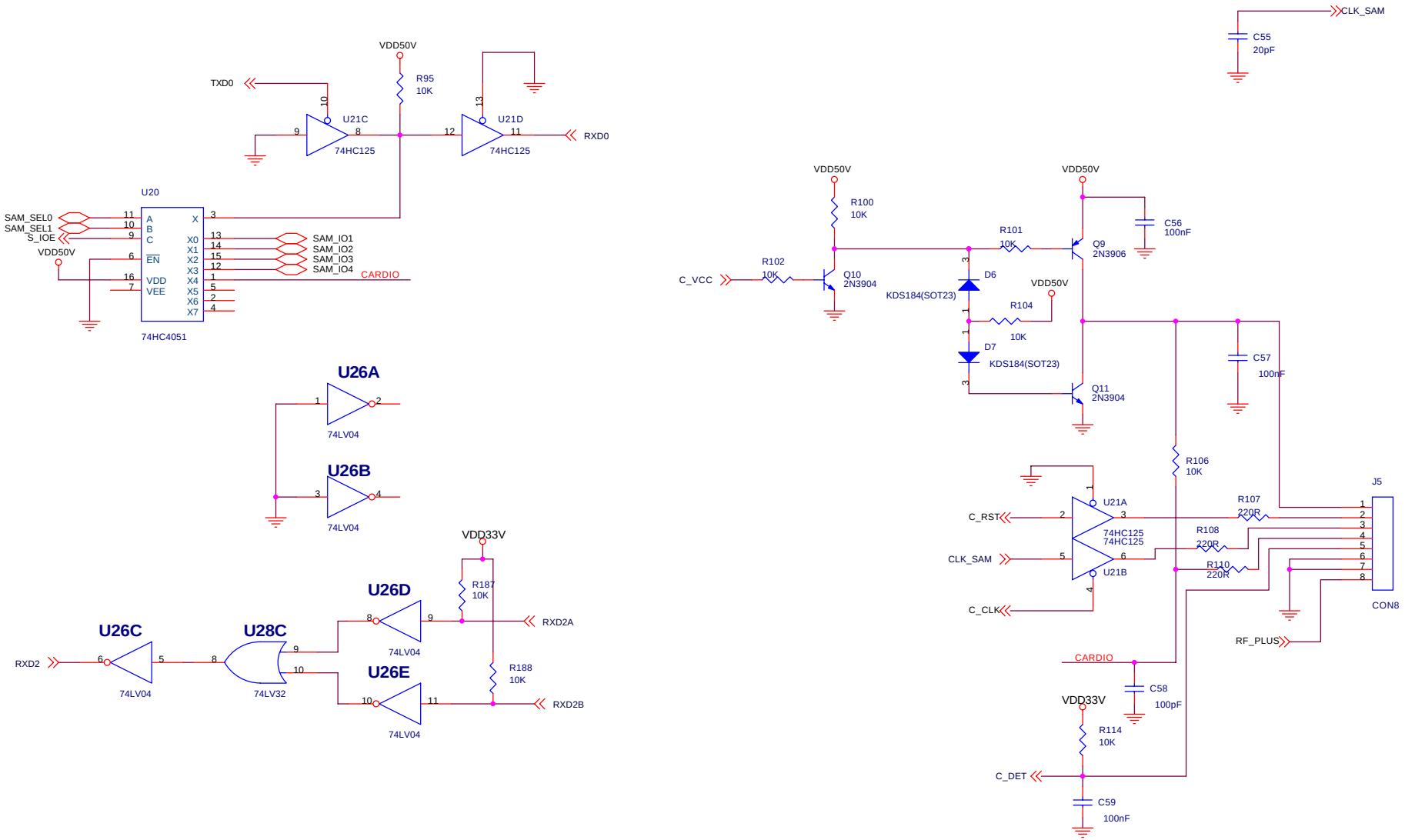

MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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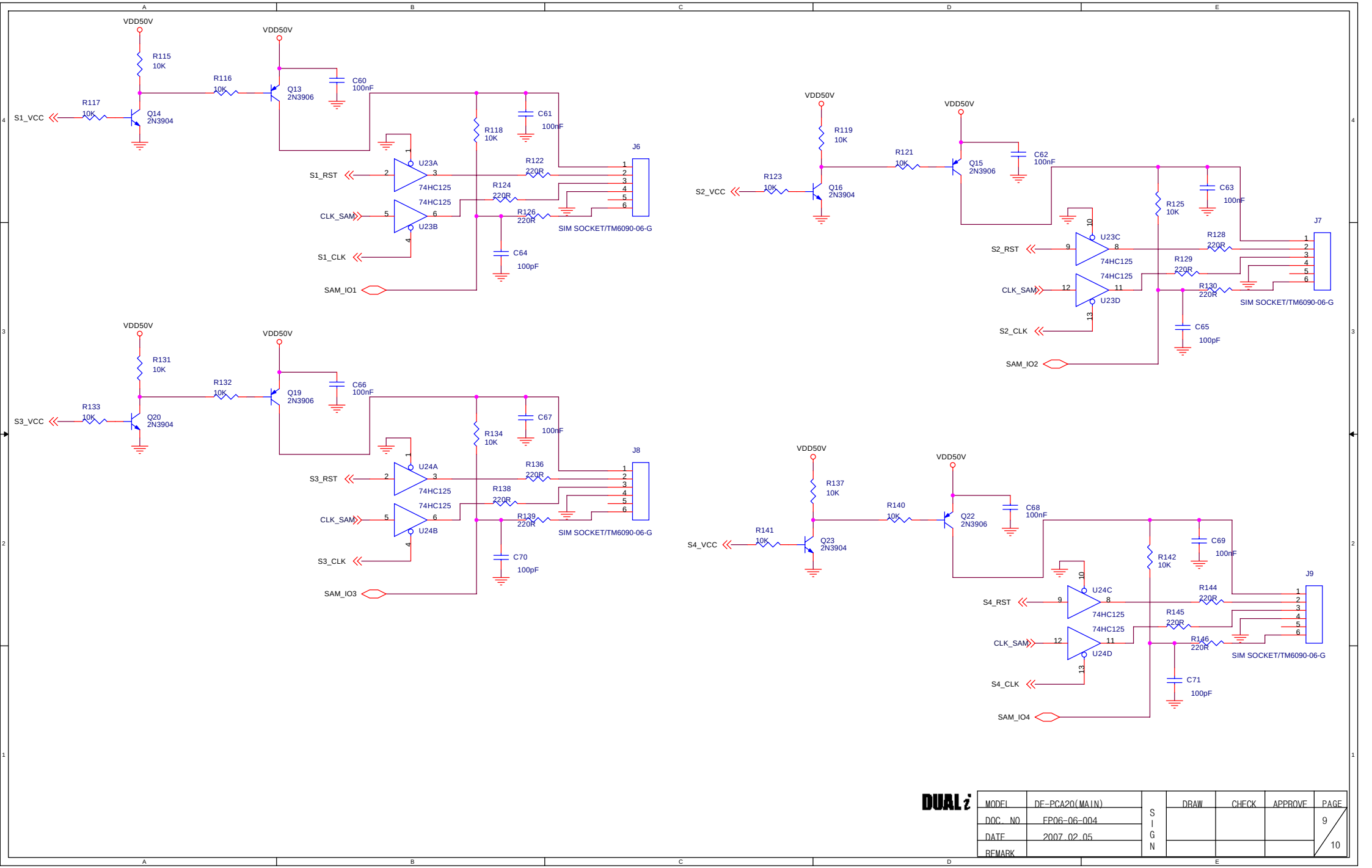
REMARK						

DUALi



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MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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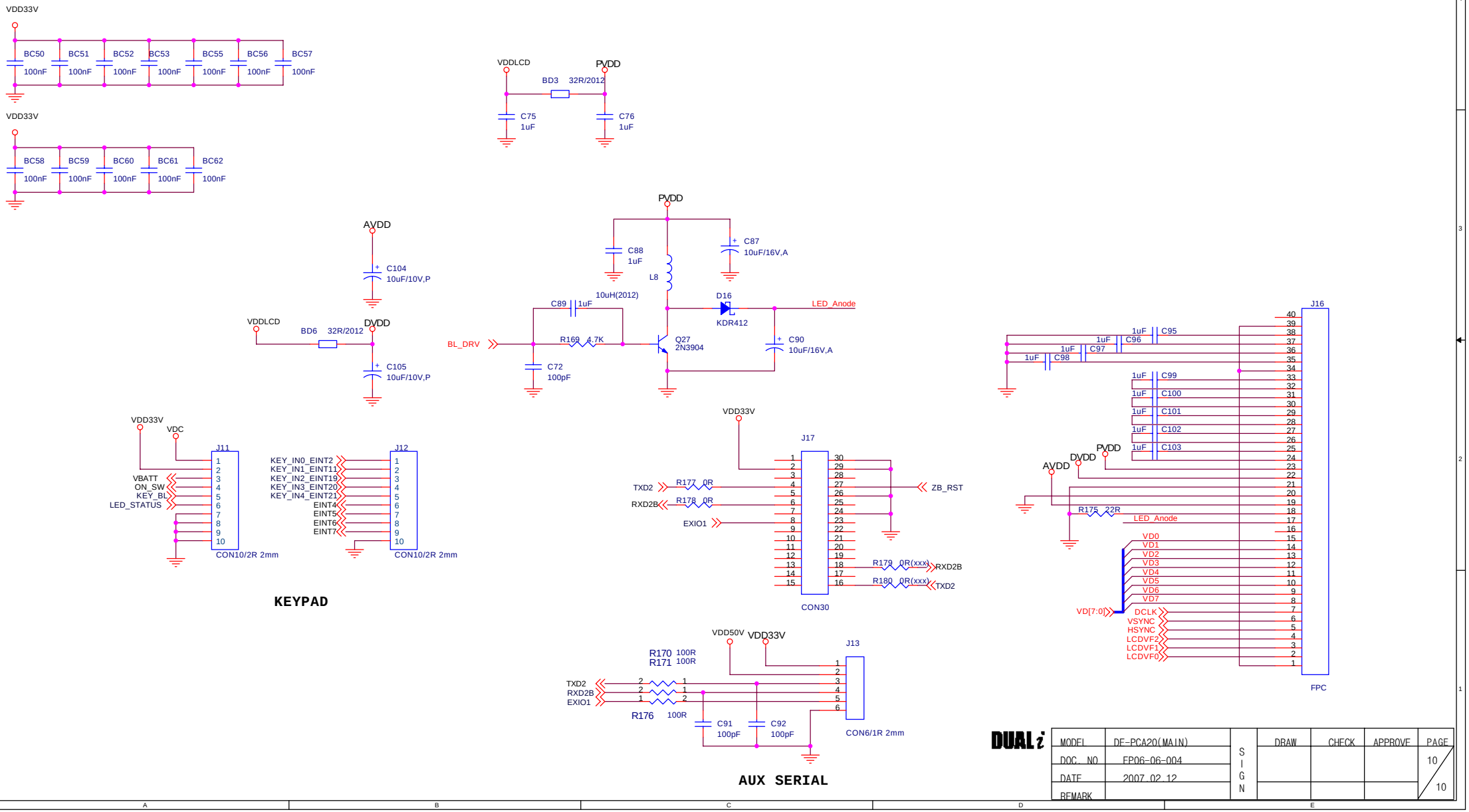
REMARK						



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MODEL	DF-PCA20(MAIN)	SIGN	DRAW	CHECK	APPROVE	PAGE
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REMARK						