

FCC ID:OPO199909010003

NBV-BC Block diagram

NBVLVCBCPWR
NBVBPCPWR.SCH

RESET

NBVBCHIF
NBVBCHIF.SCH

TXD232
RTS232
RXD232
CTS232

485HIF
485HIF.SCH

TXD485
RXD485
RTS485
CTS485

NBVPLD1
NBVPLD1.SCH

RESET

TXD485
RTS485
RXD485
CTS485

TXD232
RXD232
RTS232
CTS232

IO1[0..8]
IO2[1..8]
TCLK
TDO
TDI
TMS

CLK
SBCLK

LED-RS
LED-CS
LED-TD
LED-RD

MASTER
SLAVE
232/485
RES1

M-EN
S-EN

NBVSIF
NBVSIF.SCH

IR3S
IR2S
IR1S
RXDS

MS I/F

S_EN
FPS
FNS
SWS
ORS

NBVMIF
NBVMIF.SCH

MS I/F

IR3M
IR2M
IR1M
RXDM

M_EN
FPM
FNM
SWM
ORM

NBVPLD2
NBVPLD2.SCH

RESET

IO1[1..8]
IO2[1..8]

TCLK
TDO
TDI
TMS

CLK
SBCLK

FPS
FNS
SWS
ORS
FPM
FNM
SWM
ORM

FP1
FN1
SW1
OR1

FP2
FN2
SW2
OR2

RD[1..8]
IR[1..8]

NBVBMI1
NBVBMI1.SCH

RD1
RD2
RD3
RD4

IR1
IR2
IR3
IR4

NBVBMI2
NBVBMI2.SCH

RD5
RD6
RD7
RD8

IR5
IR6
IR7
IR8

NBVBCLD
NBVBCLD.SCH

LED-RS
LED-CS
LED-TD
LED-RD
MASTER
SLAVE
232/485
RES1

RD1
RD2
RD3
RD4
RD5
RD6
RD7
RD8

FPM
FNM
SWM
RXDS

SHINKO ELECTRIC CO.,LTD

Title
Communication Modem Controller (CMC) [NBV_BC]

Size
A4

Number
3CX113B001200

Revision
1.0

Date:
9-Nov-2000

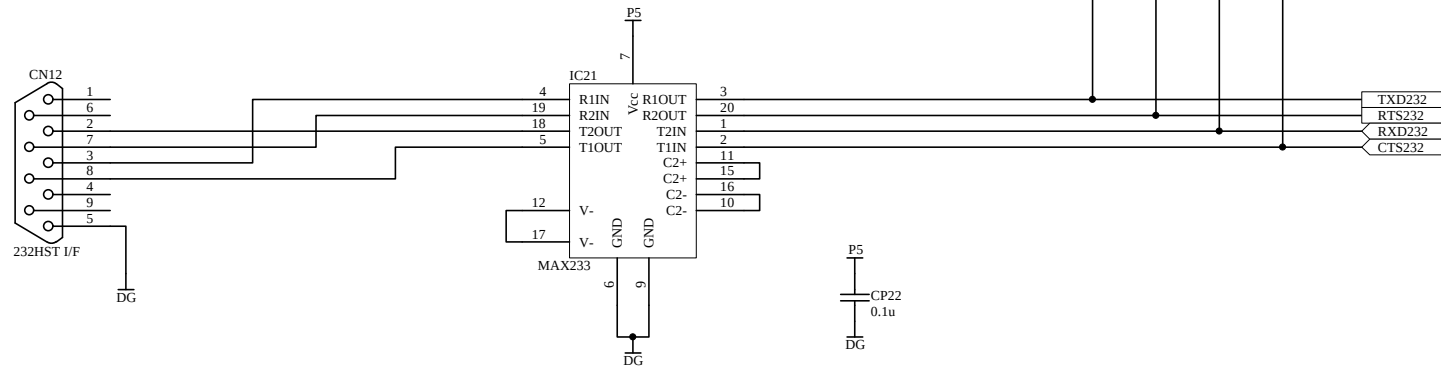
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D:\DATA\NBVBC.PRJ

Sheet of
1 / 11

Drawn By:
S.SAKAKI

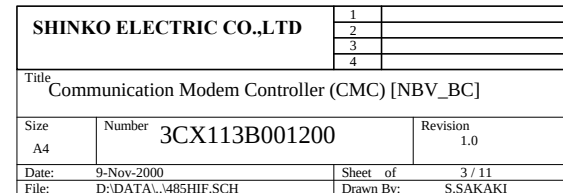
FCC ID:OPO199909010003

NBVBCHIF.SCH(HST I/F)



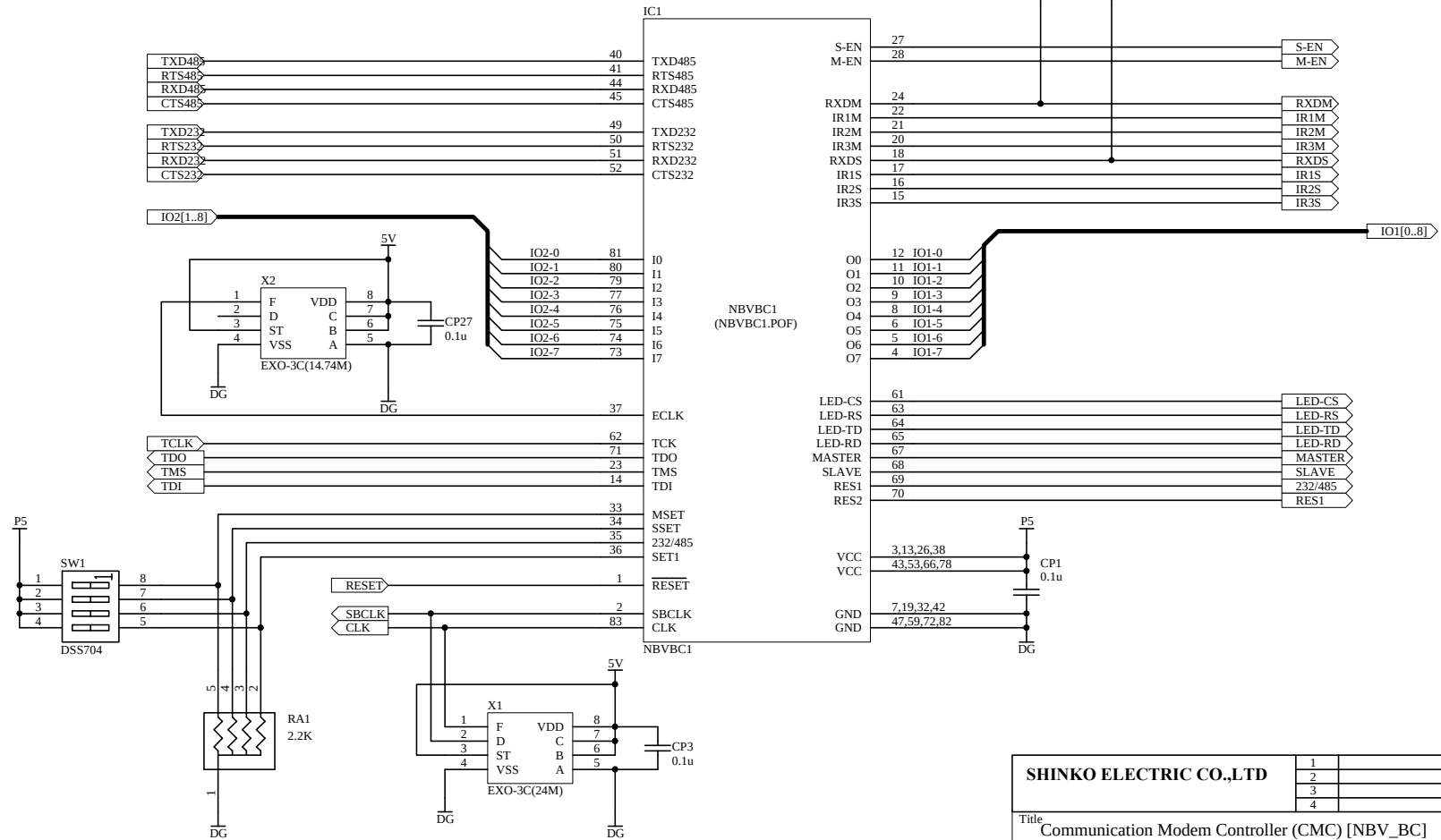
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		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision 1.0	
Date: 9-Nov-2000	Sheet of 2 / 11		
File: D:\DATA\NBVBCHIF.SCH	Drawn By: S.SAKAKI		

485HIF.SCH(485HST I/F)



FCC ID:OPO199909010003

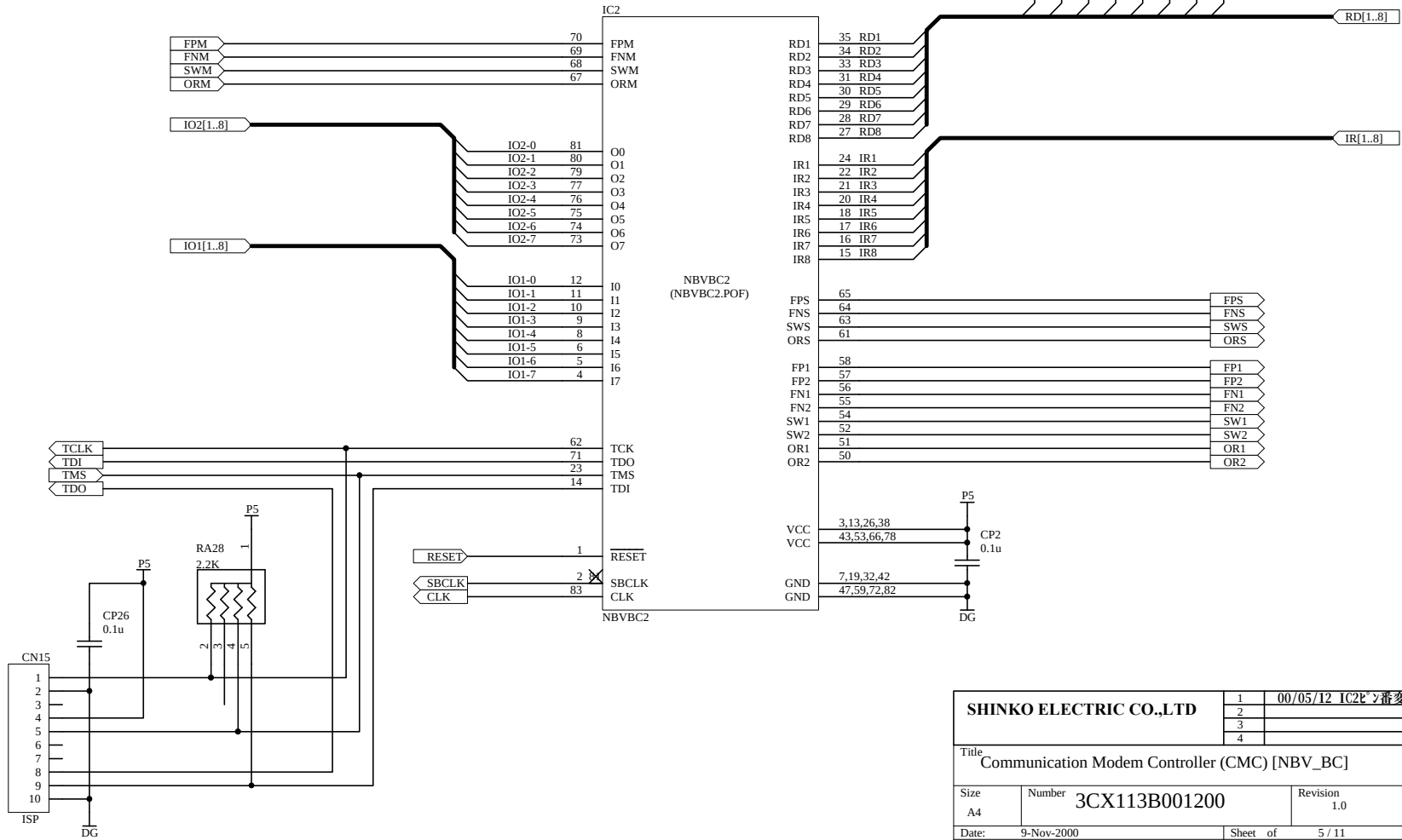
NBVPLD1.SCH(PLD1)



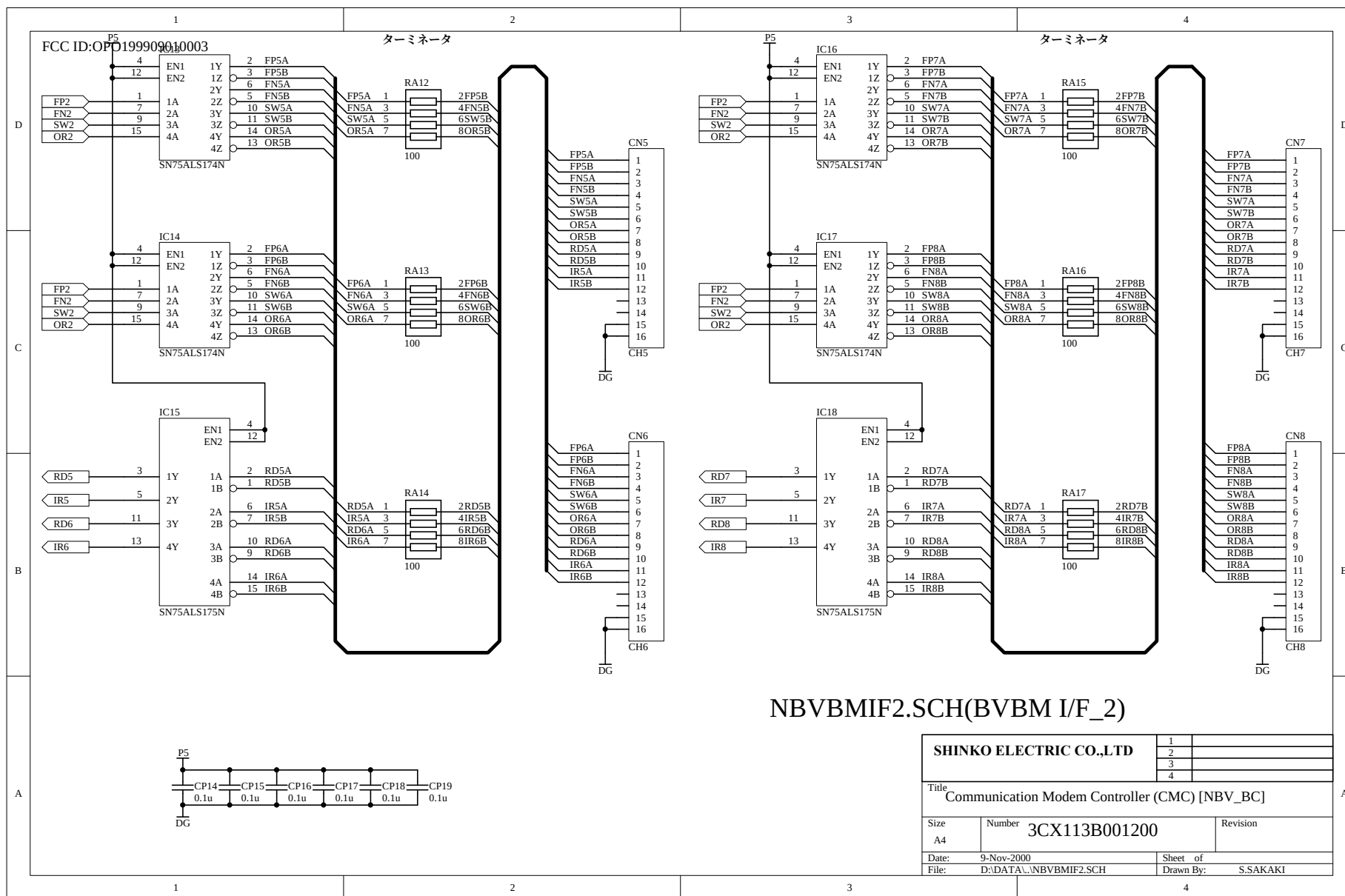
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Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision 1.0	
Date: 9-Nov-2000	Sheet of 4 / 11		
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FCC ID:OPO199909010003

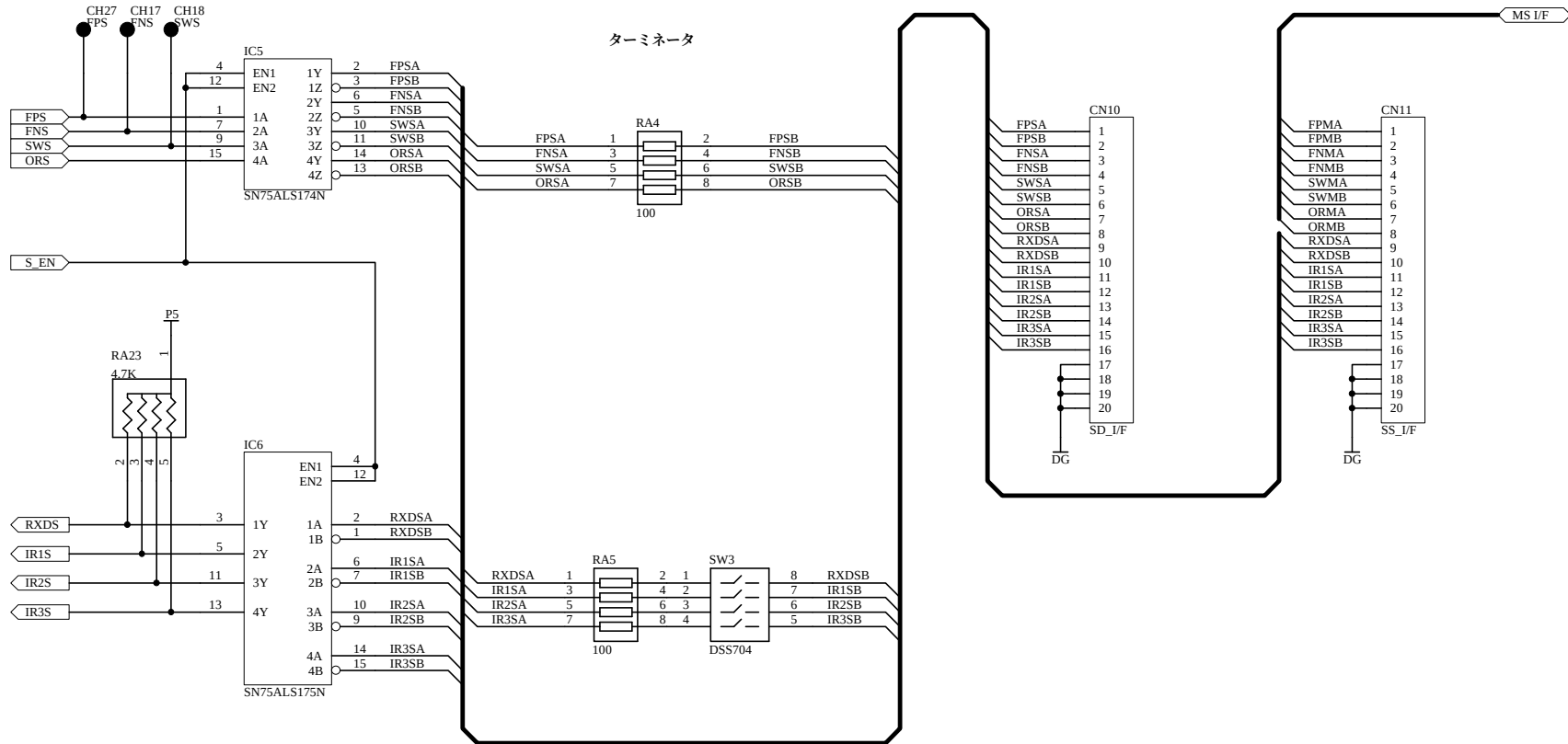
NBVPLD2.SCH(PLD2)



SHINKO ELECTRIC CO.,LTD		1	00/05/12 IC2F 2番変更
		2	
		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision 1.0	
Date: 9-Nov-2000	Sheet of 5 / 11		
File: D:\DATA\NBVPLD2.SCH	Drawn By: S.SAKAKI		



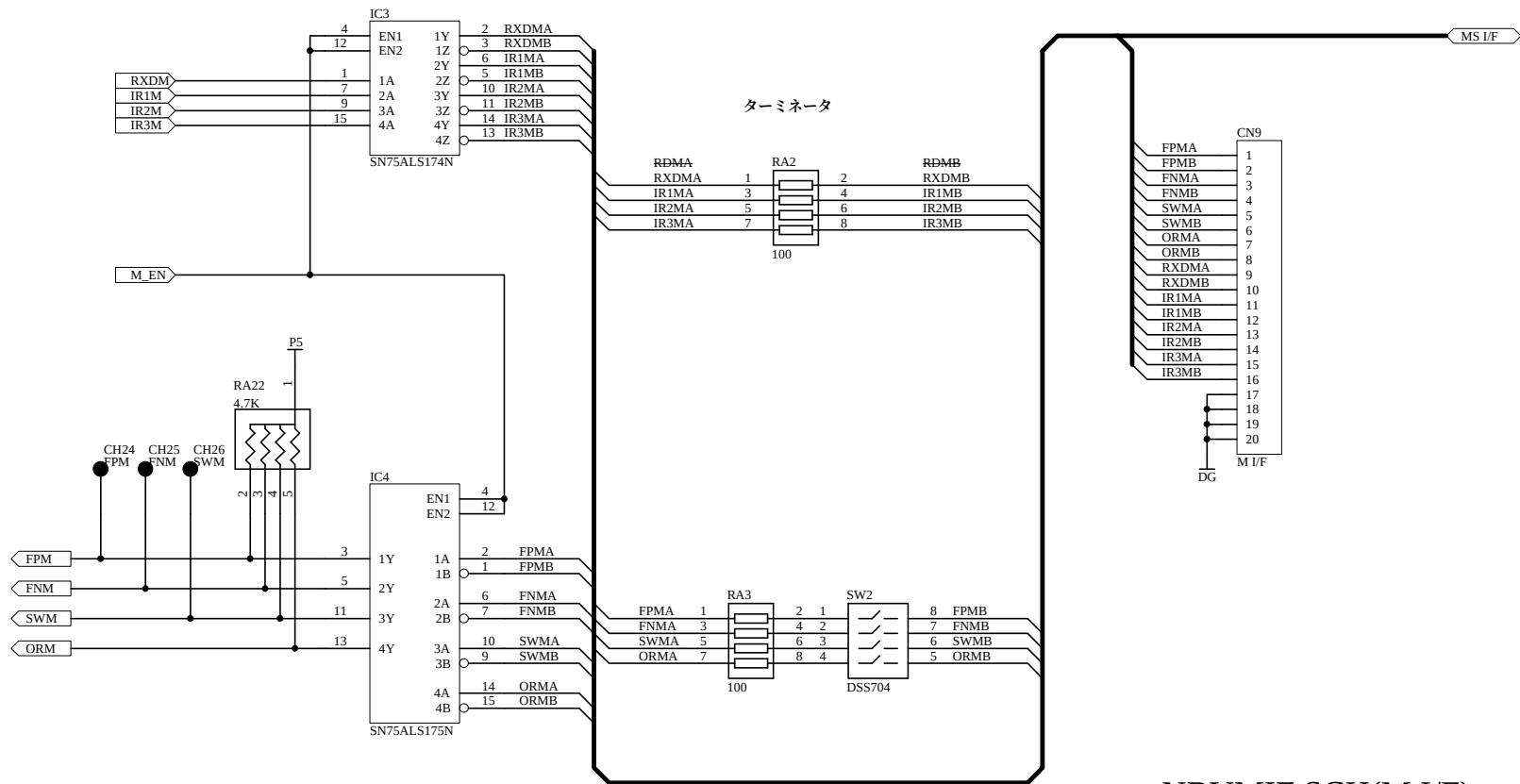
FCC ID:OPO199909010003



NBVSIF.SCH(S I/F)

SHINKO ELECTRIC CO.,LTD		1	
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		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision	
Date: 9-Nov-2000	Sheet of		
File: D:\DATA\NBVSIF.SCH	Drawn By: S.SAKAKI		

FCC ID:OPO199909010003

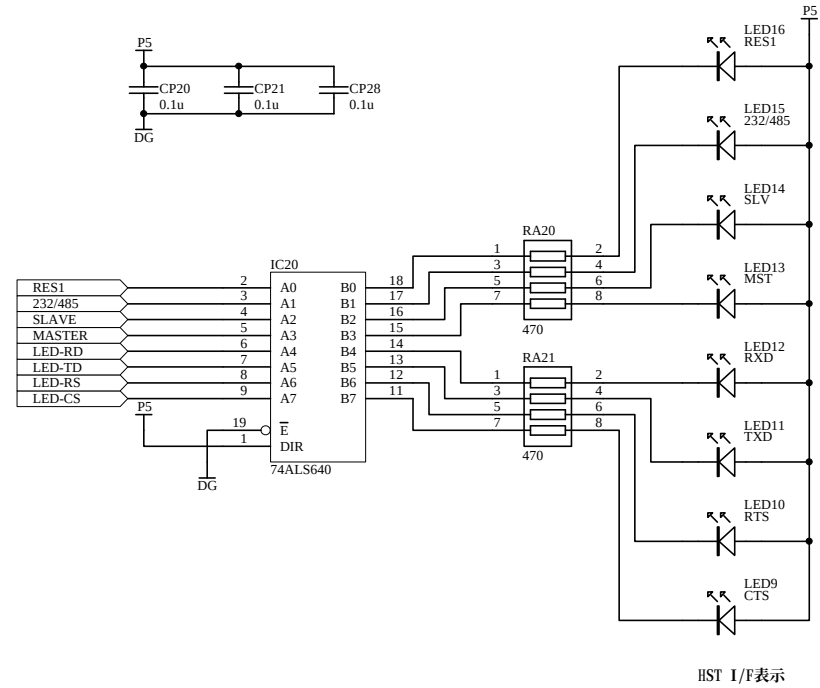
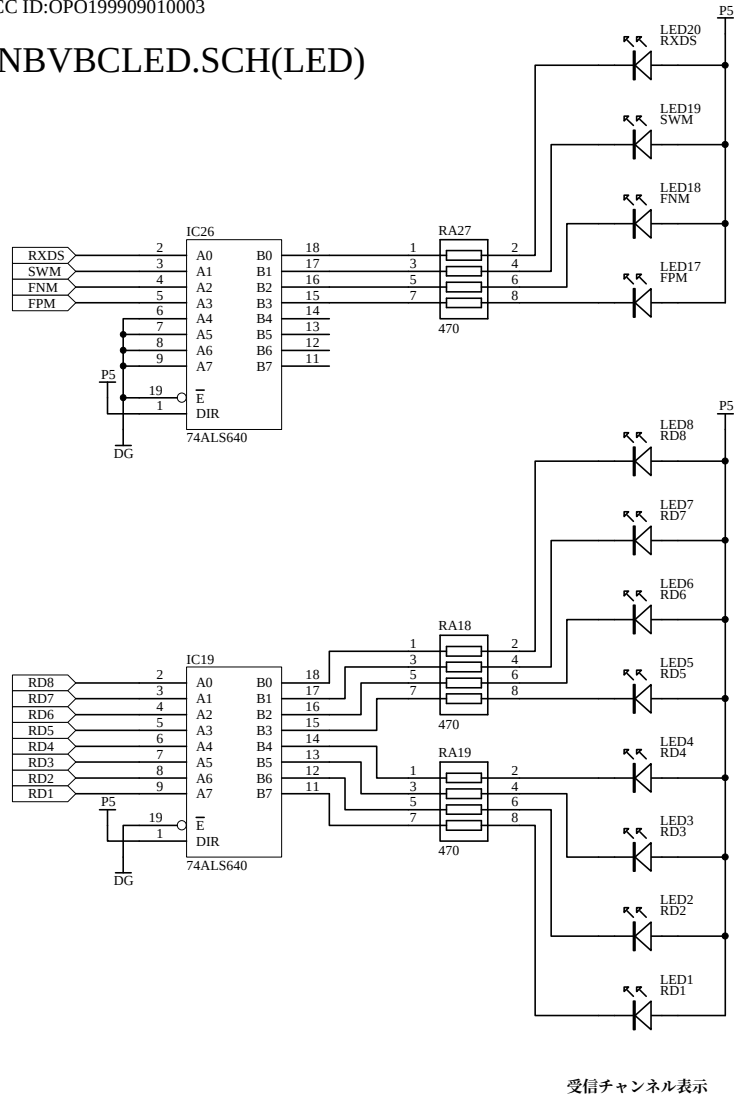


NBVMIF.SCH(M I/F)

SHINKO ELECTRIC CO.,LTD		1	
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		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision	
Date: 9-Nov-2000	Sheet of		
File: D:\DATA\NBVMIF.SCH	Drawn By: S.SAKAKI		

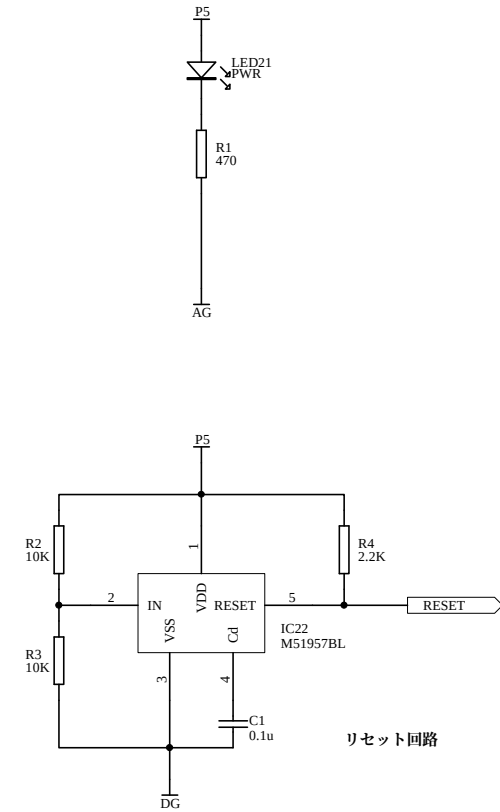
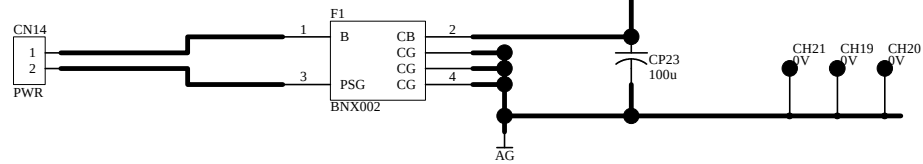
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NBVBCLED.SCH(LED)



SHINKO ELECTRIC CO.,LTD		1	00/05/11 CP28追加
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		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200	Revision 1.0	
Date: 9-Nov-2000	Sheet of 10 / 11		
File: D:\DATA\NBVBCLED.SCH	Drawn By: S.SAKAKI		

NBVBCPWR.SCH(Power)



SHINKO ELECTRIC CO.,LTD		1	
		2	
		3	
		4	
Title Communication Modem Controller (CMC) [NBV_BC]			
Size A4	Number 3CX113B001200		Revision 1.0
Date: 9-Nov-2000	Sheet of 11 / 11		
File: D:\DATA\NBVBCPWR.SCH	Drawn By: S.SAKAKI		