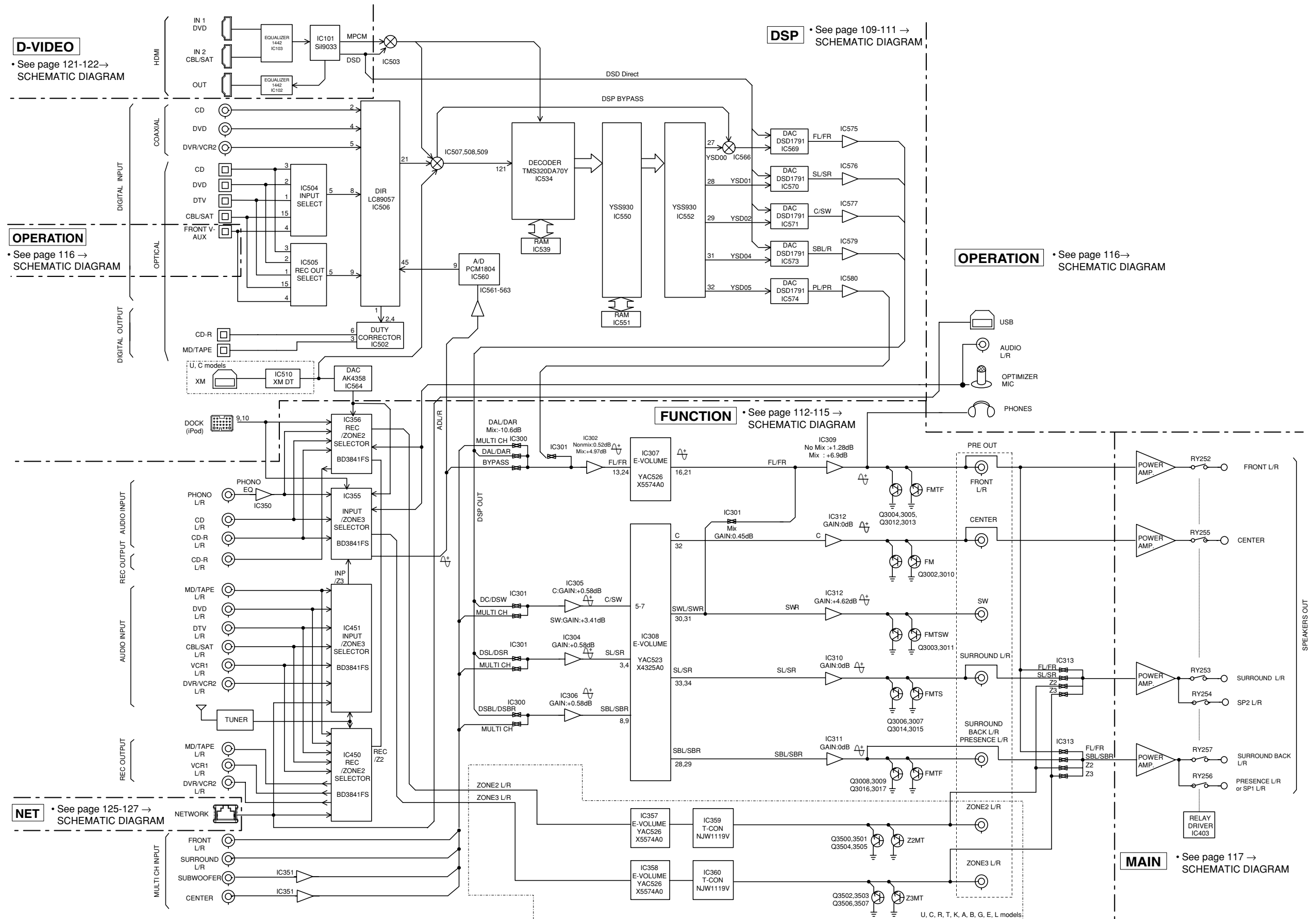
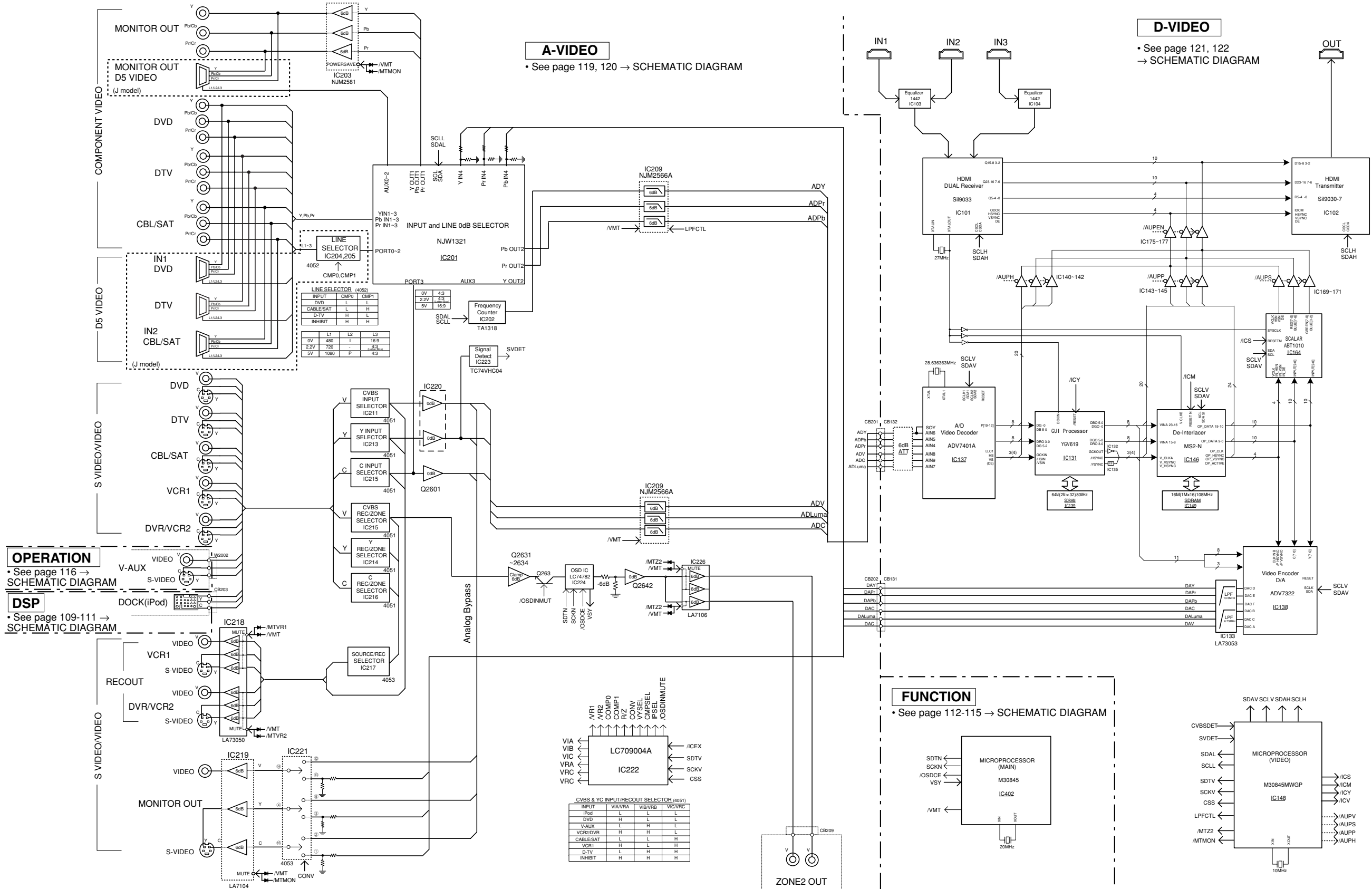


1

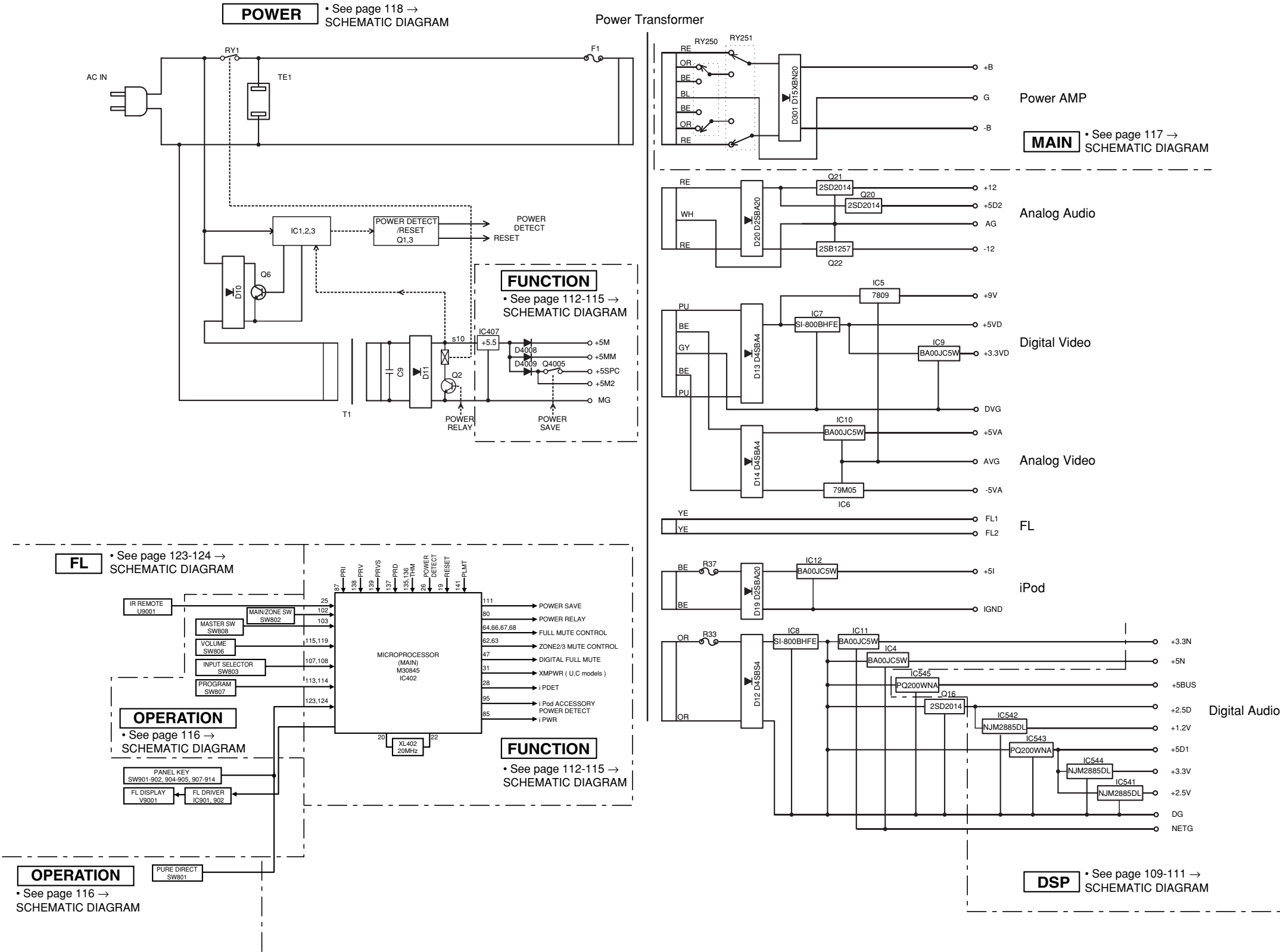
AUDIO SECTION BLOCK DIAGRAM



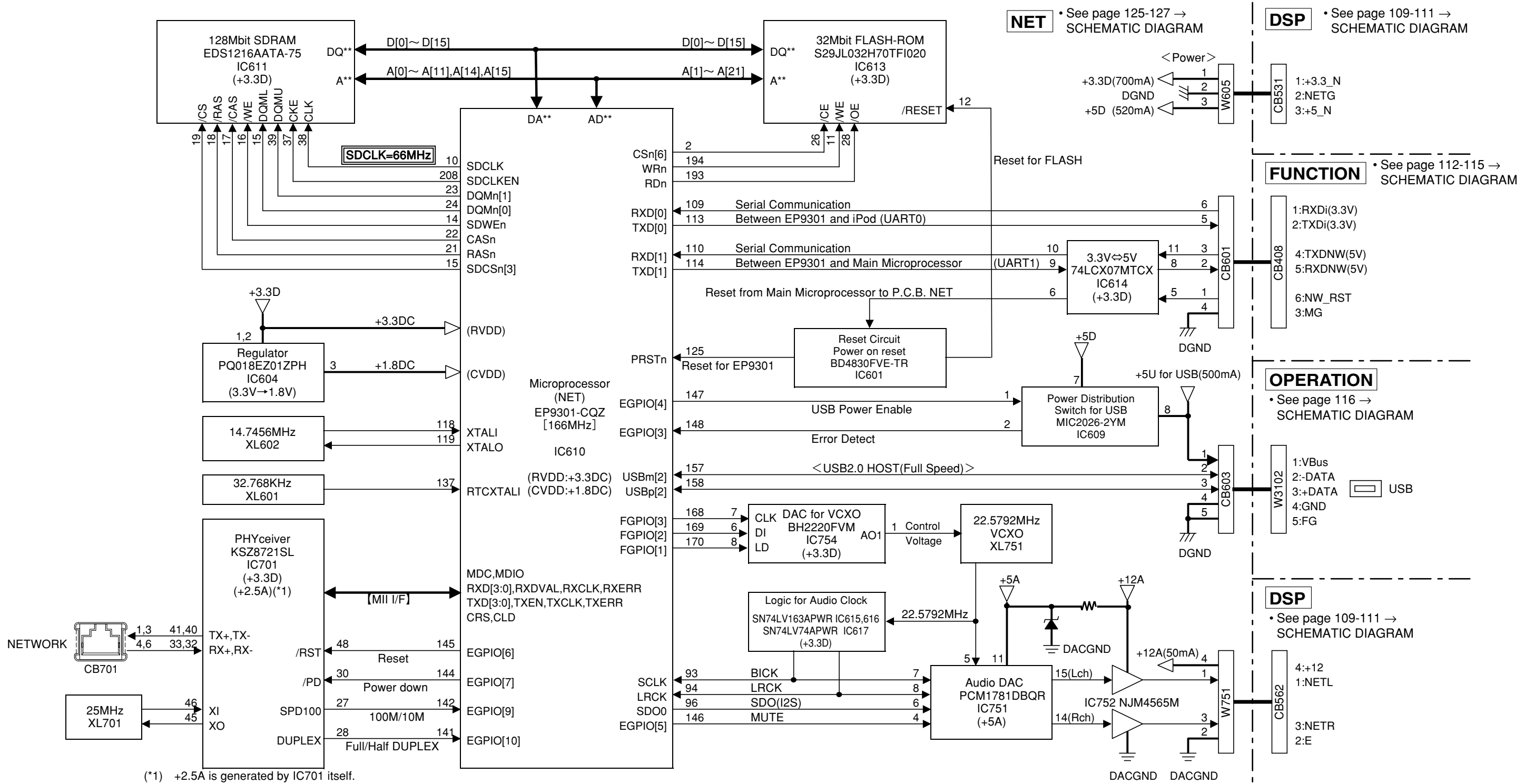
VIDEO SECTION BLOCK DIAGRAM



CONTROL/POWER SUPPLY SECTION BLOCK DIAGRAM



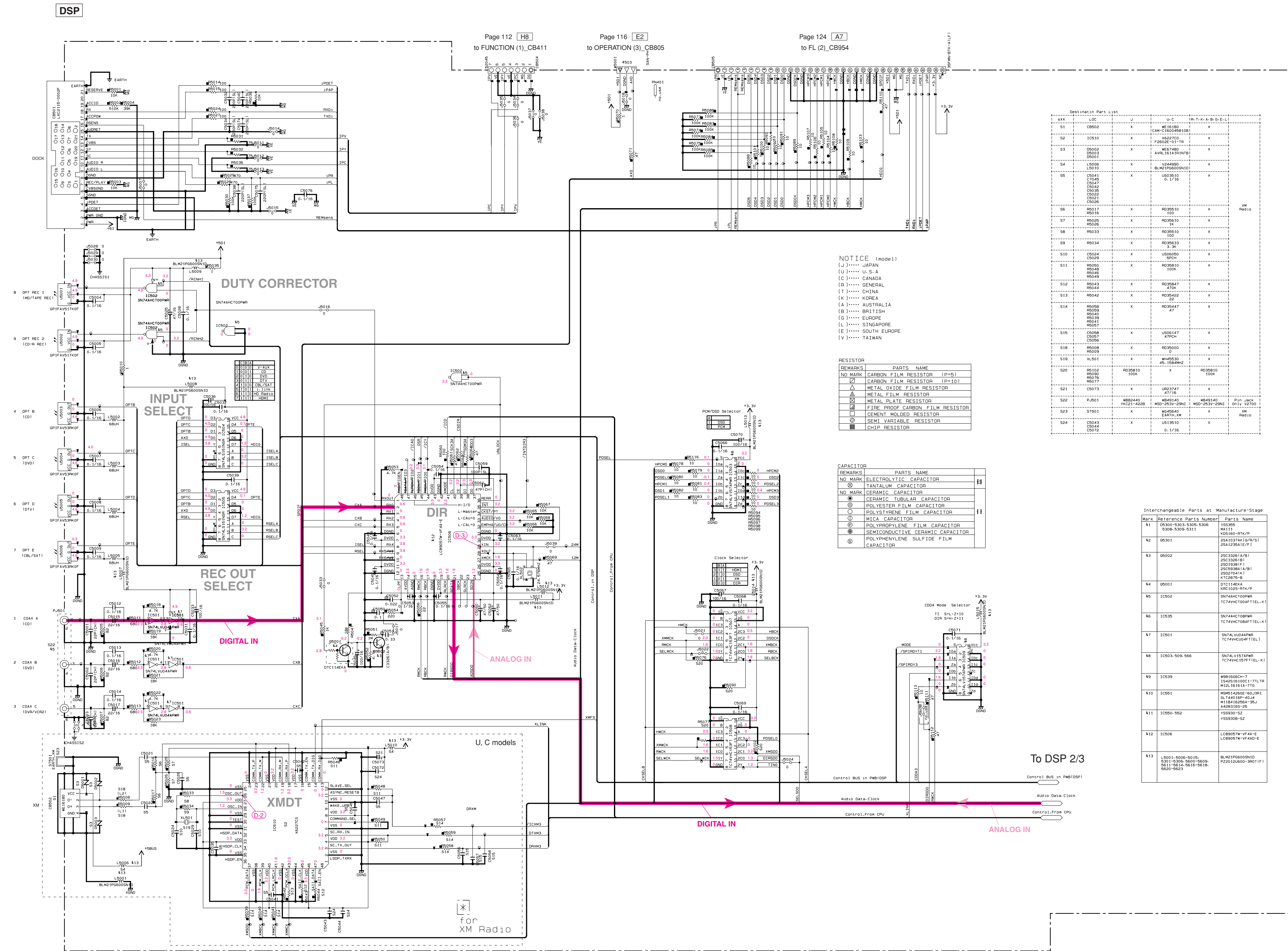
NETWORK SECTION BLOCK DIAGRAM



SCHEMATIC DIAGRAMS

DSP 1/3

RX-V2700/DSP-AX2700



NOTICE (model)

(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=6)
△	CARBON FILM RESISTOR (P=10)
▲	METAL OXIDE FILM RESISTOR
□	METAL FILM RESISTOR
■	METAL PLATE RESISTOR
○	FINE PROOF CARBON FILM RESISTOR
◇	CEMENT MOLDED RESISTOR
◎	SEMI VARIABLE RESISTOR
⊠	CHIP RESISTOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
△	TANTALUM CAPACITOR
□	CERAMIC CAPACITOR
○	POLYESTER FILM CAPACITOR
◇	POLYSTYRENE FILM CAPACITOR
◎	MICA CAPACITOR
⊠	POLYPROPYLENE FILM CAPACITOR
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR
⊡	POLYPHENYLENE SULFIDE FILM CAPACITOR

Interchangeable Parts at Manufacture-Stage		
Mark	Reference Parts Number	Parts Name
K1	D5000-D5003-D5006-D5008-D5009-D5011	IC5005 M4111 05S1074010/P/S 25A123RA1E/P1
K2	G6301	25A1037K1G/R/S 25A123RA1E/P1
K3	G6002	25C33061A/B 25C33061B 25C33061C 25C33061D 25C33061E 25C33061F 25C33061G 25C33061H 25C33061I 25C33061J 25C33061K 25C33061L 25C33061M 25C33061N 25C33061O 25C33061P 25C33061Q 25C33061R 25C33061S 25C33061T 25C33061U 25C33061V 25C33061W 25C33061X 25C33061Y 25C33061Z
K4	G6001	DT1146KA VMC1020-RTS/R
K5	IC500	SN74VHC00PWR TC74VHC00APTEL(K)
K6	IC505	SN74VHC00PWR TC74VHC00APTEL(K)
K7	IC501	SN74LV04APWR TC74VHC04APTEL(K)
K8	IC503-509-556	SN74LV157APWR TC74VHC157APTEL(K)
K9	IC509	WM15500C-7 15A05161001-1TLTR M12L16151A-770
K10	IC551	WM1420E-60JUR1 E144019P-60J4 A420315E-35J A420315E-35J
K11	IC550-552	Y55930-SZ Y55930B-SZ
K12	IC508	LC89057W-VF4A-E LC89057W-VF4D-E
K13	L5001-L5006-5015-5301-5305-5602-5605-5611-5614-5615-5618-5619-5620-5621-5622-5623-5624-5625-5626-5627-5628-5629-5630-5631-5632-5633-5634-5635-5636-5637-5638-5639-5640-5641-5642-5643-5644-5645-5646-5647-5648-5649-5650-5651-5652-5653-5654-5655-5656-5657-5658-5659-5660-5661-5662-5663-5664-5665-5666-5667-5668-5669-5670-5671-5672-5673-5674-5675-5676-5677-5678-5679-5680-5681-5682-5683-5684-5685-5686-5687-5688-5689-5690-5691-5692-5693-5694-5695-5696-5697-5698-5699-5700-5701-5702-5703-5704-5705-5706-5707-5708-5709-5710-5711-5712-5713-5714-5715-5716-5717-5718-5719-5720-5721-5722-5723-5724-5725-5726-5727-5728-5729-5730-5731-5732-5733-5734-5735-5736-5737-5738-5739-5740-5741-5742-5743-5744-5745-5746-5747-5748-5749-5750-5751-5752-5753-5754-5755-5756-5757-5758-5759-5760-5761-5762-5763-5764-5765-5766-5767-5768-5769-5770-5771-5772-5773-5774-5775-5776-5777-5778-5779-5780-5781-5782-5783-5784-5785-5786-5787-5788-5789-5790-5791-5792-5793-5794-5795-5796-5797-5798-5799-5800-5801-5802-5803-5804-5805-5806-5807-5808-5809-5810-5811-5812-5813-5814-5815-5816-5817-5818-5819-5820-5821-5822-5823-5824-5825-5826-5827-5828-5829-5830-5831-5832-5833-5834-5835-5836-5837-5838-5839-5840-5841-5842-5843-5844-5845-5846-5847-5848-5849-5850-5851-5852-5853-5854-5855-5856-5857-5858-5859-5860-5861-5862-5863-5864-5865-5866-5867-5868-5869-5870-5871-5872-5873-5874-5875-5876-5877-5878-5879-5880-5881-5882-5883-5884-5885-5886-5887-5888-5889-5890-5891-5892-5893-5894-5895-5896-5897-5898-5899-5900-5901-5902-5903-5904-5905-5906-5907-5908-5909-5910-5911-5912-5913-5914-5915-5916-5917-5918-5919-5920-5921-5922-5923-5924-5925-5926-5927-5928-5929-5930-5931-5932-5933-5934-5935-5936-5937-5938-5939-5940-5941-5942-5943-5944-5945-5946-5947-5948-5949-5950-5951-5952-5953-5954-5955-5956-5957-5958-5959-5960-5961-5962-5963-5964-5965-5966-5967-5968-5969-5970-5971-5972-5973-5974-5975-5976-5977-5978-5979-5980-5981-5982-5983-5984-5985-5986-5987-5988-5989-5990-5991-5992-5993-5994-5995-5996-5997-5998-5999-6000-6001-6002-6003-6004-6005-6006-6007-6008-6009-6010-6011-6012-6013-6014-6015-6016-6017-6018-6019-6020-6021-6022-6023-6024-6025-6026-6027-6028-6029-6030-6031-6032-6033-6034-6035-6036-6037-6038-6039-6040-6041-6042-6043-6044-6045-6046-6047-6048-6049-6050-6051-6052-6053-6054-6055-6056-6057-6058-6059-6060-6061-6062-6063-6064-6065-6066-6067-6068-6069-6070-6071-6072-6073-6074-6075-6076-6077-6078-6079-6080-6081-6082-6083-6084-6085-6086-6087-6088-6089-6090-6091-6092-6093-6094-6095-6096-6097-6098-6099-6100-6101-6102-6103-6104-6105-6106-6107-6108-6109-6110-6111-6112-6113-6114-6115-6116-6117-6118-6119-6120-6121-6122-6123-6124-6125-6126-6127-6128-6129-6130-6131-6132-6133-6134-6135-6136-6137-6138-6139-6140-6141-6142-6143-6144-6145-6146-6147-6148-6149-6150-6151-6152-6153-6154-6155-6156-6157-6158-6159-6160-6161-6162-6163-6164-6165-6166-6167-6168-6169-6170-6171-6172-6173-6174-6175-6176-6177-6178-6179-6180-6181-6182-6183-6184-6185-6186-6187-6188-6189-6190-6191-6192-6193-6194-6195-6196-6197-6198-6199-6200-6201-6202-6203-6204-6205-6206-6207-6208-6209-6210-6211-6212-6213-6214-6215-6216-6217-6218-6219-6220-6221-6222-6223-6224-6225-6226-6227-6228-6229-6230-6231-6232-6233-6234-6235-6236-6237-6238-6239-6240-6241-6242-6243-6244-6245-6246-6247-6248-6249-6250-6251-6252-6253-6254-6255-6256-6257-6258-6259-6260-6261-6262-6263-6264-6265-6266-6267-6268-6269-6270-6271-6272-6273-6274-6275-6276-6277-6278-6279-6280-6281-6282-6283-6284-6285-6286-6287-6288-6289-6290-6291-6292-6293-6294-6295-6296-6297-6298-6299-6300-6301-6302-6303-6304-6305-6306-6307-6308-6309-6310-6311-6312-6313-6314-6315-6316-6317-6318-6319-6320-6321-6322-6323-6324-6325-6326-6327-6328-6329-6330-6331-6332-6333-6334-6335-6336-6337-6338-6339-6340-6341-6342-6343-6344-6345-6346-6347-6348-6349-6350-6351-6352-6353-6354-6355-6356-6357-6358-6359-6360-6361-6362-6363-6364-6365-6366-6367-6368-6369-6370-6371-6372-6373-6374-6375-6376-6377-6378-6379-6380-6381-6382-6383-6384-6385-6386-6387-6388-6389-6390-6391-6392-6393-6394-6395-6396-6397-6398-6399-6400-6401-6402-6403-6404-6405-6406-6407-6408-6409-6410-6411-6412-6413-6414-6415-6416-6417-6418-6419-6420-6421-6422-6423-6424-6425-6426-6427-6428-6429-6430-6431-6432-6433-6434-6435-6436-6437-6438-6439-6440-6441-6442-6443-6444-6445-6446-6447-6448-6449-6450-6451-6452-6453-6454-6455-6456-6457-6458-6459-6460-6461-6462-6463-6464-6465-6466-6467-6468-6469-6470-6471-6472-6473-6474-6475-6476-6477-6478-6479-6480-6481-6482-6483-6484-6485-6486-6487-6488-6489-6490-6491-6492-6493-6494-6495-6496-6497-6498-6499-6500-6501-6502-6503-6504-6505-6506-6507-6508-6509-6510-6511-6512-6513-6514-6515-6516-6517-6518-6519-6520-6521-6522-6523-6524-6525-6526-6527-6528-6529-6530-6531-6532-6533-6534-6535-6536-6537-6538-6539-6540-6541-6542-6543-6544-6545-6546-6547-6548-6549-6550-6551-6552-6553-6554-6555-6556-6557-6558-6559-6560-6561-6562-6563-6564-6565-6566-6567-6568-6569-6570-6571-6572-6573-6574-6575-6576-6577-6578-6579-6580-6581-6582-6583-6584-6585-6586-6587-6588-6589-6590-6591-6592-6593-6594-6595-6596-6597-6598-6599-6600-6601-6602-6603-6604-6605-6606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DSP 2/3

DSP

NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN

CAPACITOR	REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR	
NO MARK	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
NO MARK	CERAMIC TUBULAR CAPACITOR	
NO MARK	POLYESTER FILM CAPACITOR	
NO MARK	POLYSTYRENE FILM CAPACITOR	
NO MARK	MICA CAPACITOR	
NO MARK	POLYPROPYLENE FILM CAPACITOR	
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR	
NO MARK	POLYPHENYLENE SULFIDE FILM CAPACITOR	

RESISTOR	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)	
NO MARK	CARBON FILM RESISTOR (P=10)	
NO MARK	METAL OXIDE FILM RESISTOR	
NO MARK	METAL FILM RESISTOR	
NO MARK	METAL PLATE RESISTOR	
NO MARK	FIRE PROOF CARBON FILM RESISTOR	
NO MARK	CEMENT MOLDED RESISTOR	
NO MARK	SEMI VARIABLE RESISTOR	
NO MARK	CHIP RESISTOR	

To DSP 1/3
Control BUS in PAB(DSP)
Audio Data-Clock
Control From CPU
ANALOG IN

DIGITAL IN
ANALOG IN

DECODER

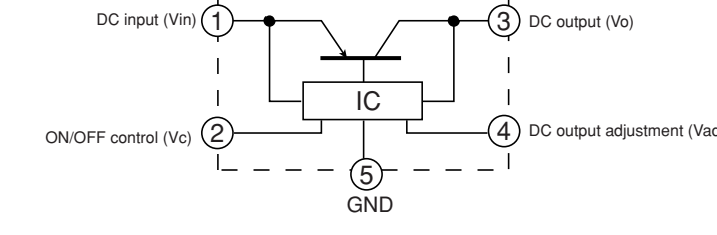
No replacement part available.
サービス部品供給なし

RAM

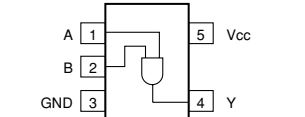
FLASH ROM

Destination Part List	U-C	PH-T-A-B-D-E-L
SXX	LOC	J
S30	IC545	X
S31	IC545	X
S32	IC545	X
S33	IC545	X
S34	IC545	X
S35	IC545	X
S36	IC545	X
S37	IC545	X
S38	IC545	X
S39	IC545	X
S40	IC545	X
S41	IC545	X
S42	IC545	X
S43	IC545	X

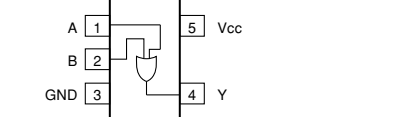
IC543, 545: PQ200WNA1ZPH
Low power loss regulator



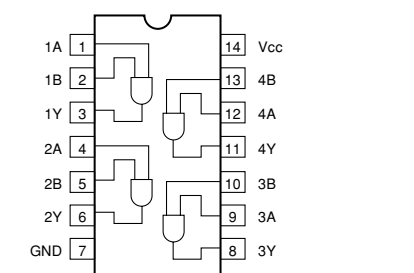
IC531: SN74AHC1G08DCKR
2-input positive-AND gate



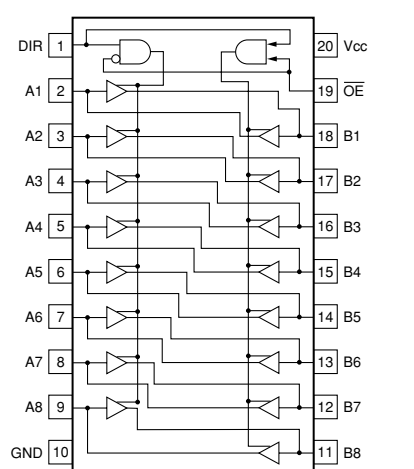
IC532, 533: SN74AHC1G32DCKR
Single 2-input positive-OR gate



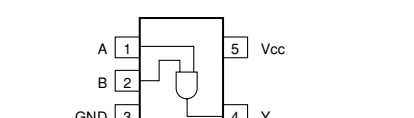
IC535: SN74AHC08PWR
Quaduple 2-input positive-AND gates



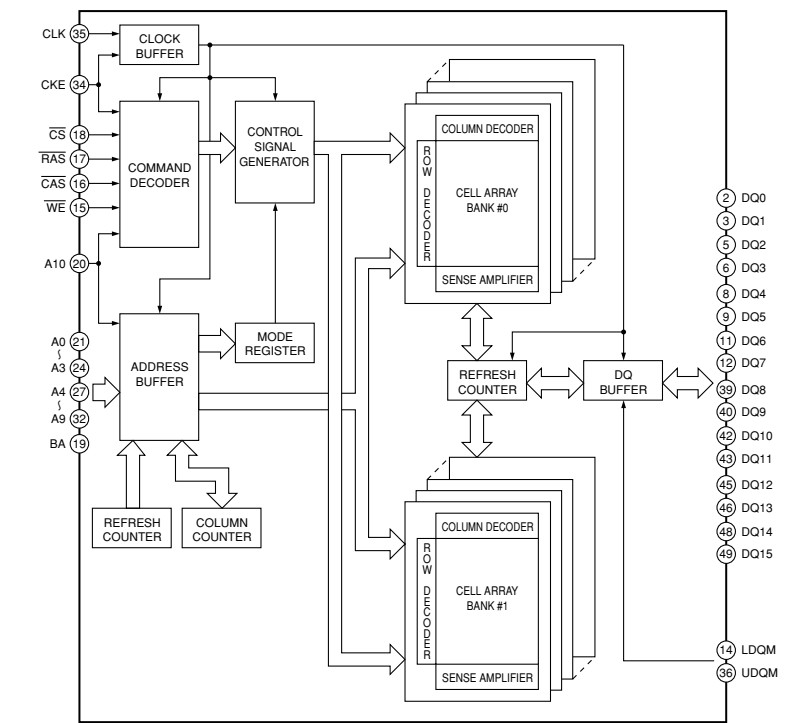
IC536: SN74LV245PWR
Octal bus transceiver with 3-state outputs



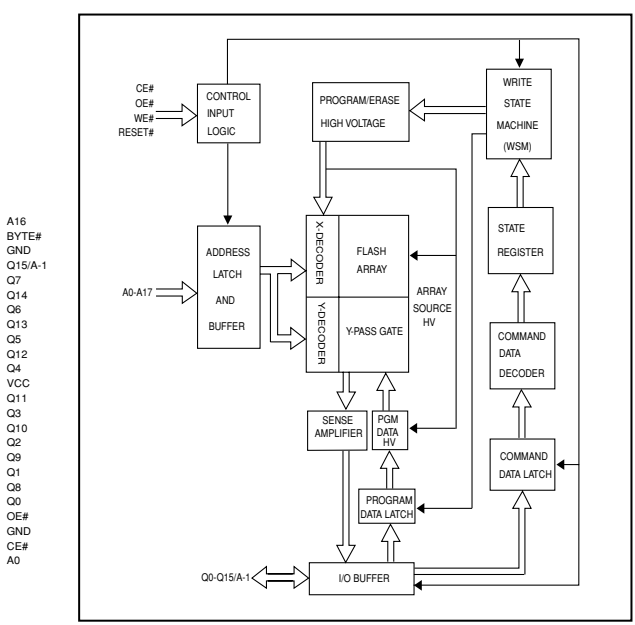
IC537, 538: SN74AHC1G08DCKR
2-input positive-AND gate



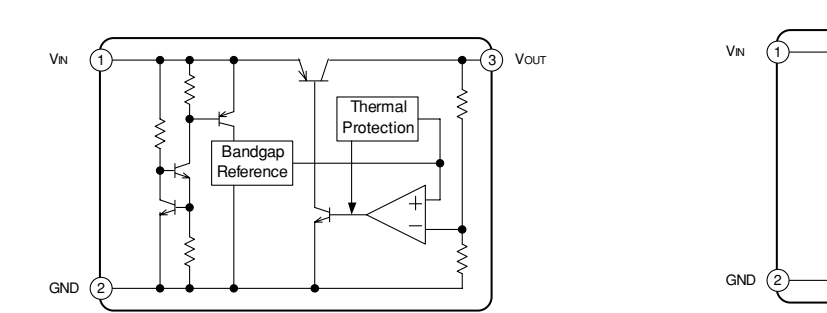
IC539: W9816G6CH-7
512k x 2 banks x 16 bits SDRAM



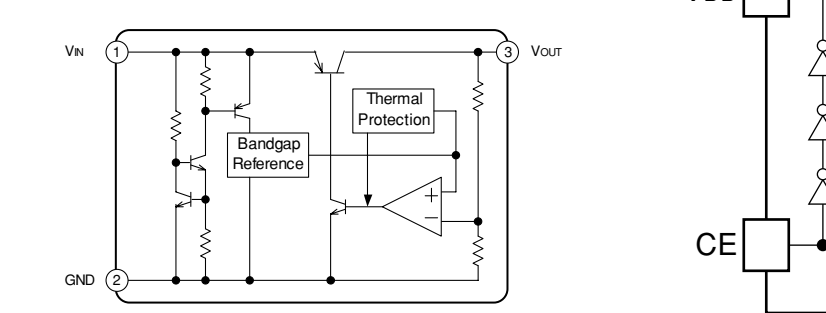
IC540: MX29LV400BTC-70G
4M-bit cmos single voltage 3V only flash memory



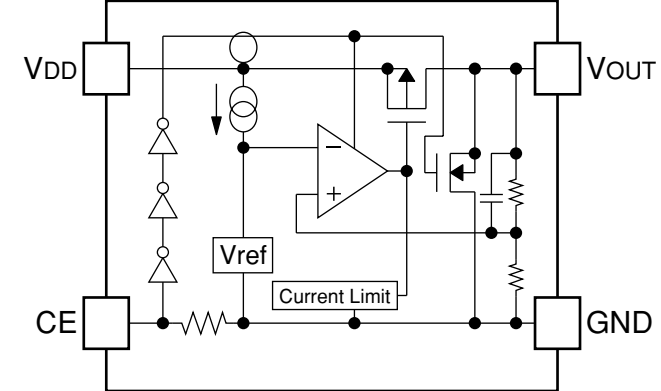
IC544: NJM2885DL1-33
Low dropout voltage regulator



IC541: NJM2885DL1-25
Low dropout voltage regulator

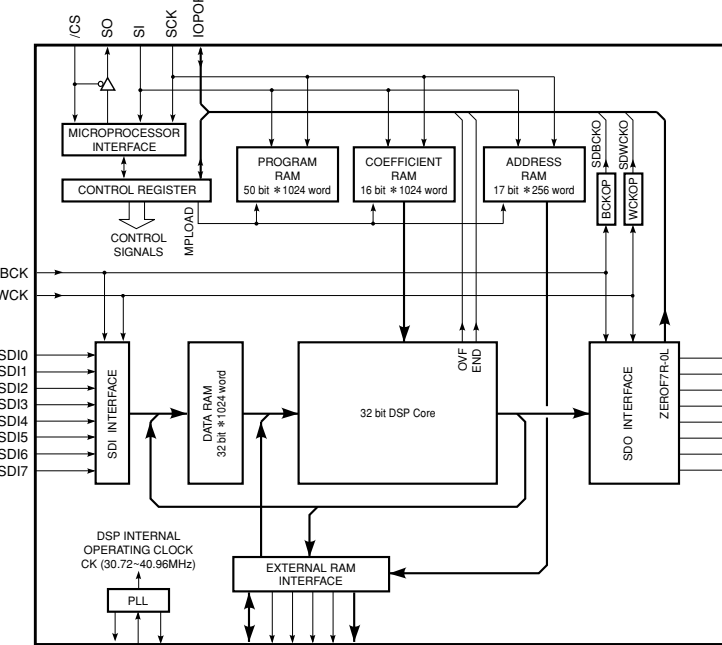
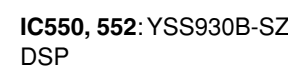


IC542: R1172S121D-E2-F

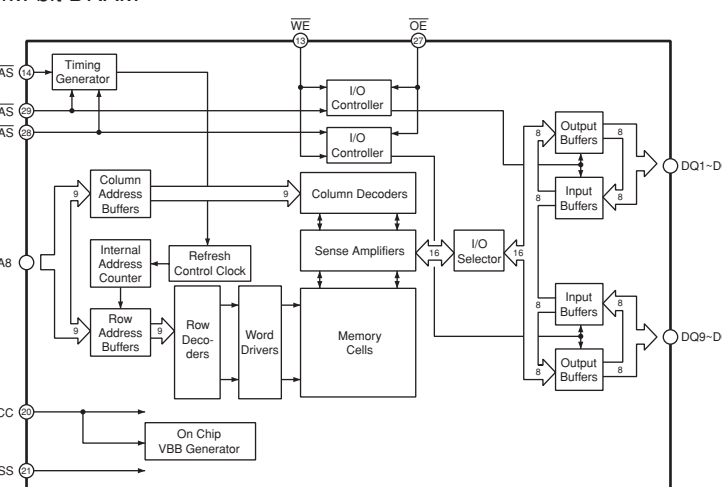


Pin No.	Symbol	Description
1	VOUT	Output Pin of Voltage Regulator
2, 5	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
6	VDD	Input Pin

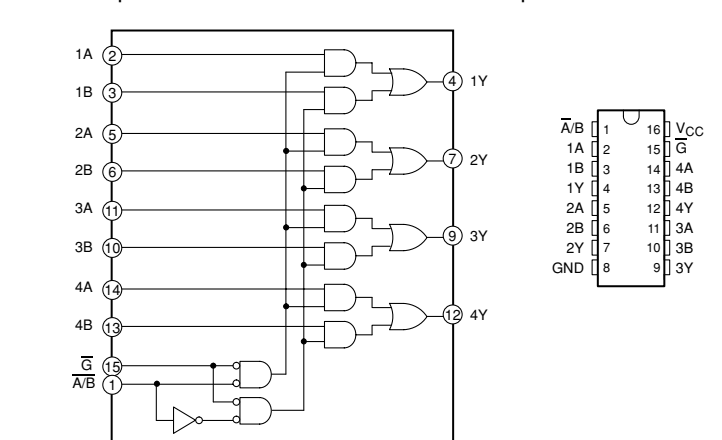
Page 114 **A5** Page 115 **B3** Page 127 **L2**
to FUNCTION (2)_CB300 to FUNCTION (2)_W3503 to NET_W751



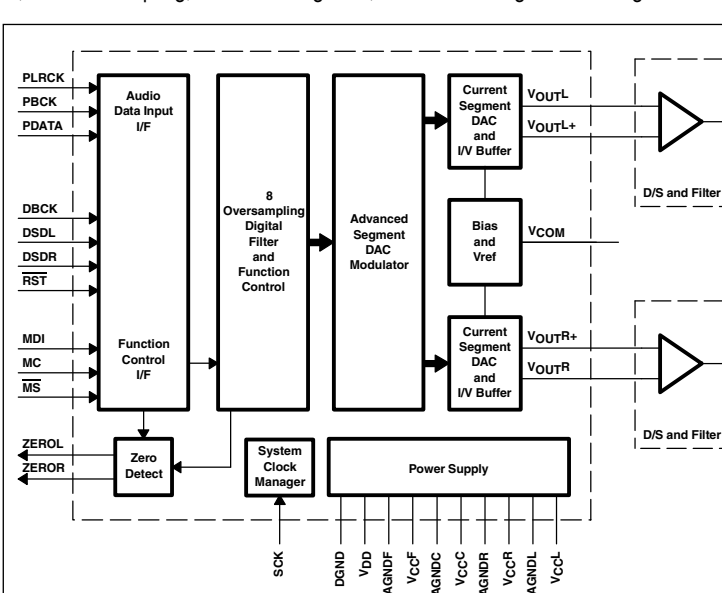
C551: MSM514260E-60JS
4M-bit DRAM



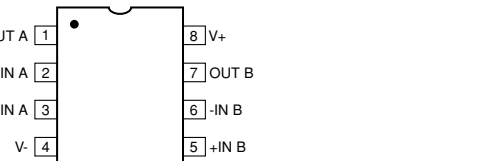
IC566: SN74LV157APWR
Quadruple 2-line to 1-line data selectors/multiplexers



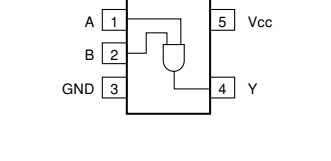
569-571, 573, 574: DSD1791DBR
192kHz sampling, advanced segment, audio stereo digital-to-analog converter



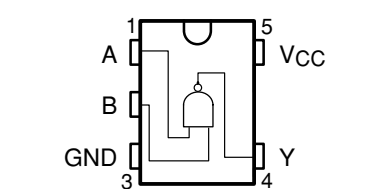
IC575-577: OP275GSR
Dual bipolar/JFET, audio operational amplifier




IC581: SN74AHC1G08DCKR
2-input positive-AND gate




IC582: SN74AHC1G00DCKR
Single 2-input positive-NAND gate



- ★ All voltages are measured with a 10M Ω /V DC electronic voltmeter.
- ★ Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

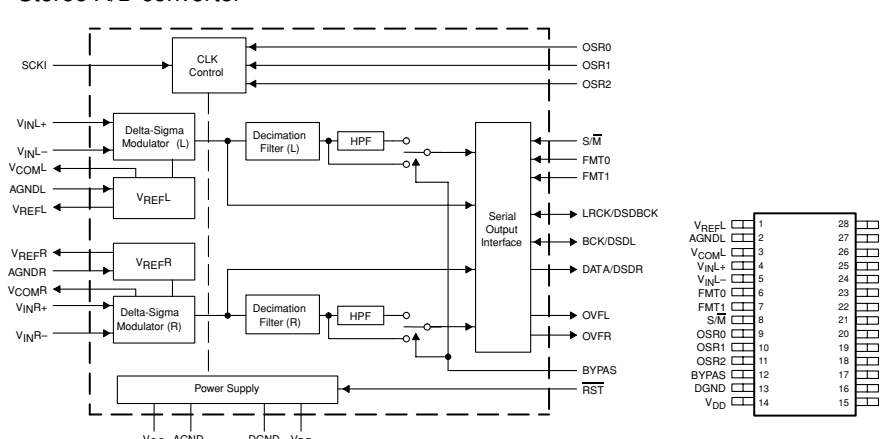
● 電圧は、内部抵抗10M Ω の電圧計で測定したものです。

● 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。

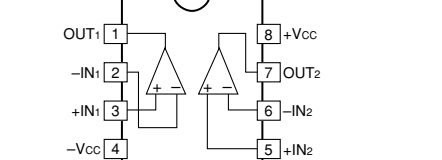
● 本回路図は標準回路図です。改良の予告なく変更することがございます。

NOTICE (mode1)

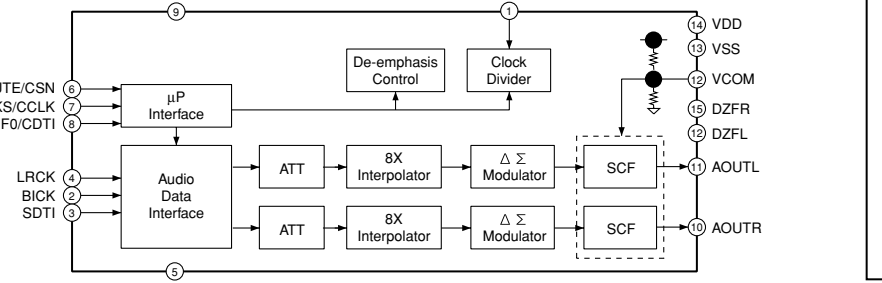
IC560: PCM1804DBF
Stereo A/D converter



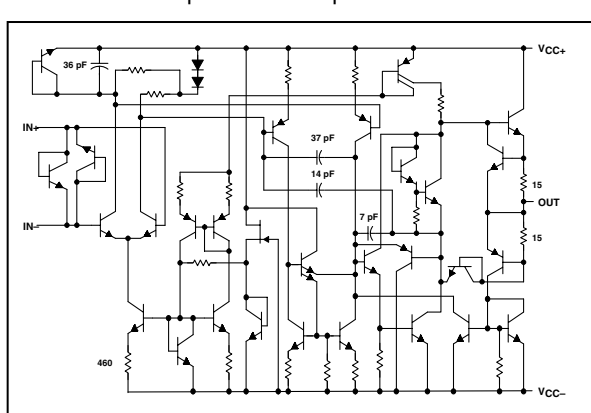
IC561-563, 579, 580: NJM2068MD-TE2
Dual operational amplifier



IC564: AK4384ET
D/A converter

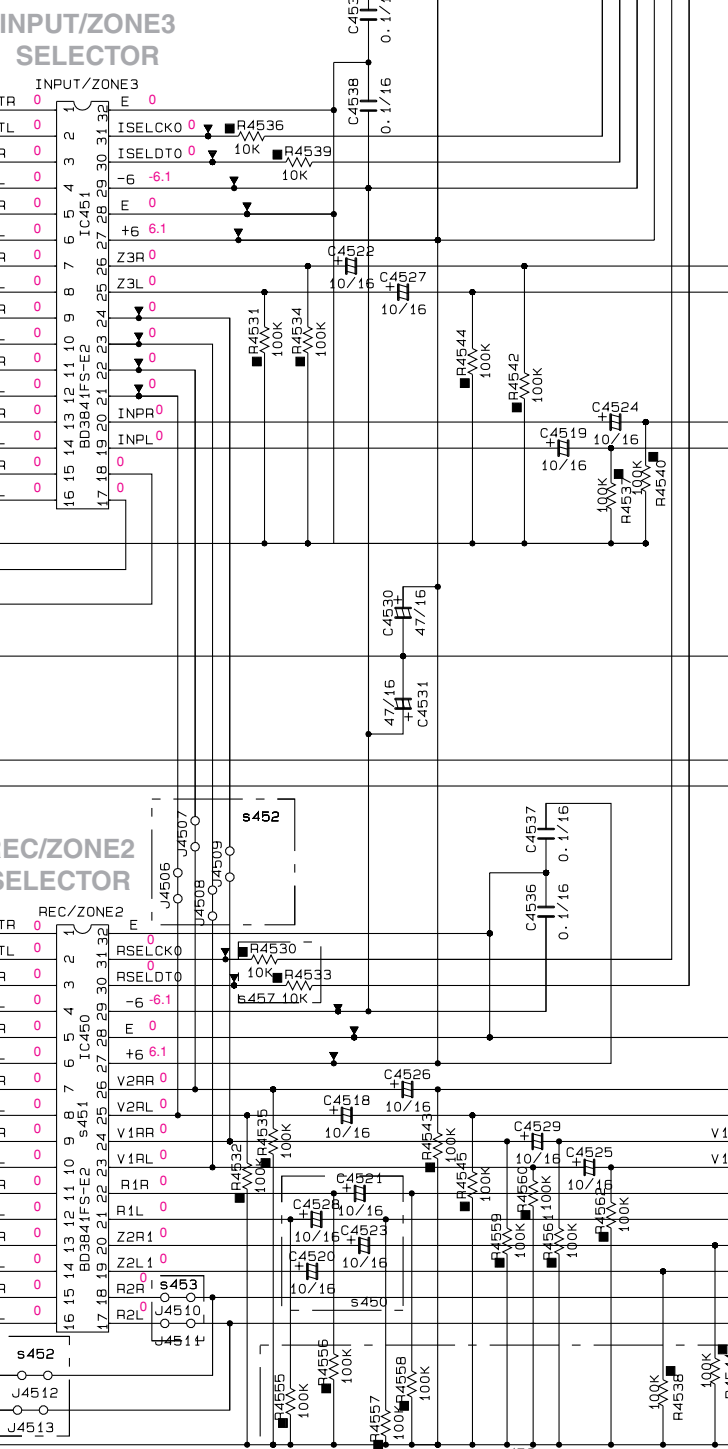
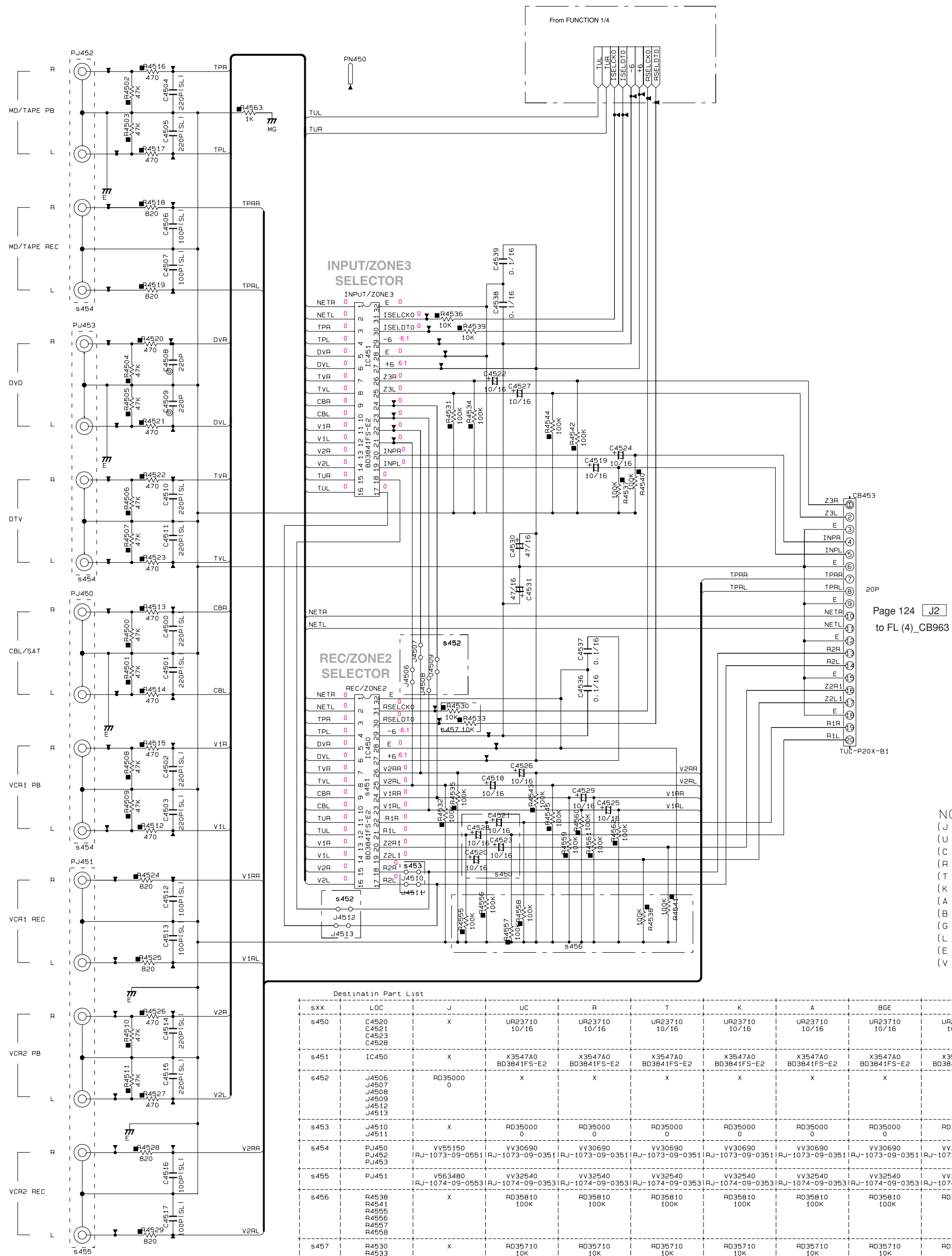


IC565, 575, 577: NE5532DR
Dual low-noise operational amplifiers



FUNCTION 2/4

FUNCTION (1)



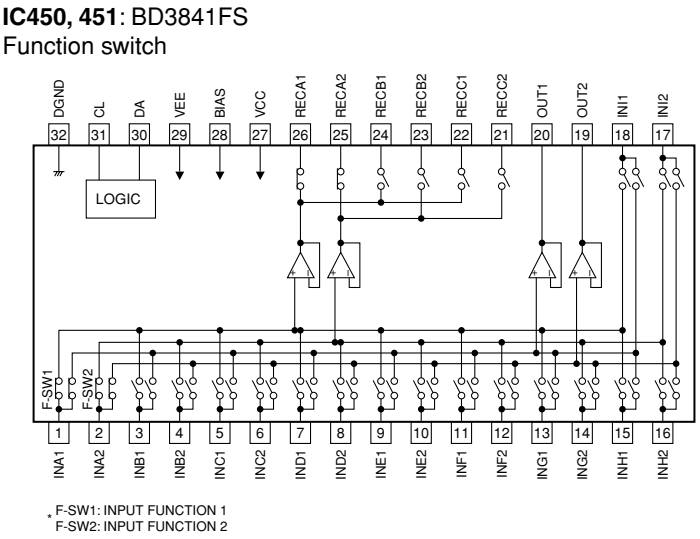
Page 124 J2 to FL (4)_CB963

NOTICE (mode1)
(J)..... JAPAN
(U)..... U.S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH
(V)..... TAIWAN

Destination Part List									
SXX	LOC	J	UC	R	T	K	A	BGE	L
s450	C4520 C4521 C4523 C4528	X	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16
s451	IC450	X	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2	X3547A0 BD3841FS-E2
s452	J4506 J4507 J4508 J4509 J4510 J4511	RD35000 0	X	X	X	X	X	X	X
s453	J4510 J4511	X	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0
s454	PJ450 PJ452 PJ453	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690	VJ30690 VJ30690 VJ30690
s455	PJ451	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540	VJ32540 VJ32540 VJ32540
s456	R4538 R4541 R4542 R4543 R4544 R4545	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K
s457	R4530 R4533	X	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K
PCB NO.	WJ56420	WJ56430	WJ56440	WJ56450	WJ56460	WJ56470	WJ56480	WJ56490	WJ56500

RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
■	CEMENT MOLDED RESISTOR
⊙	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

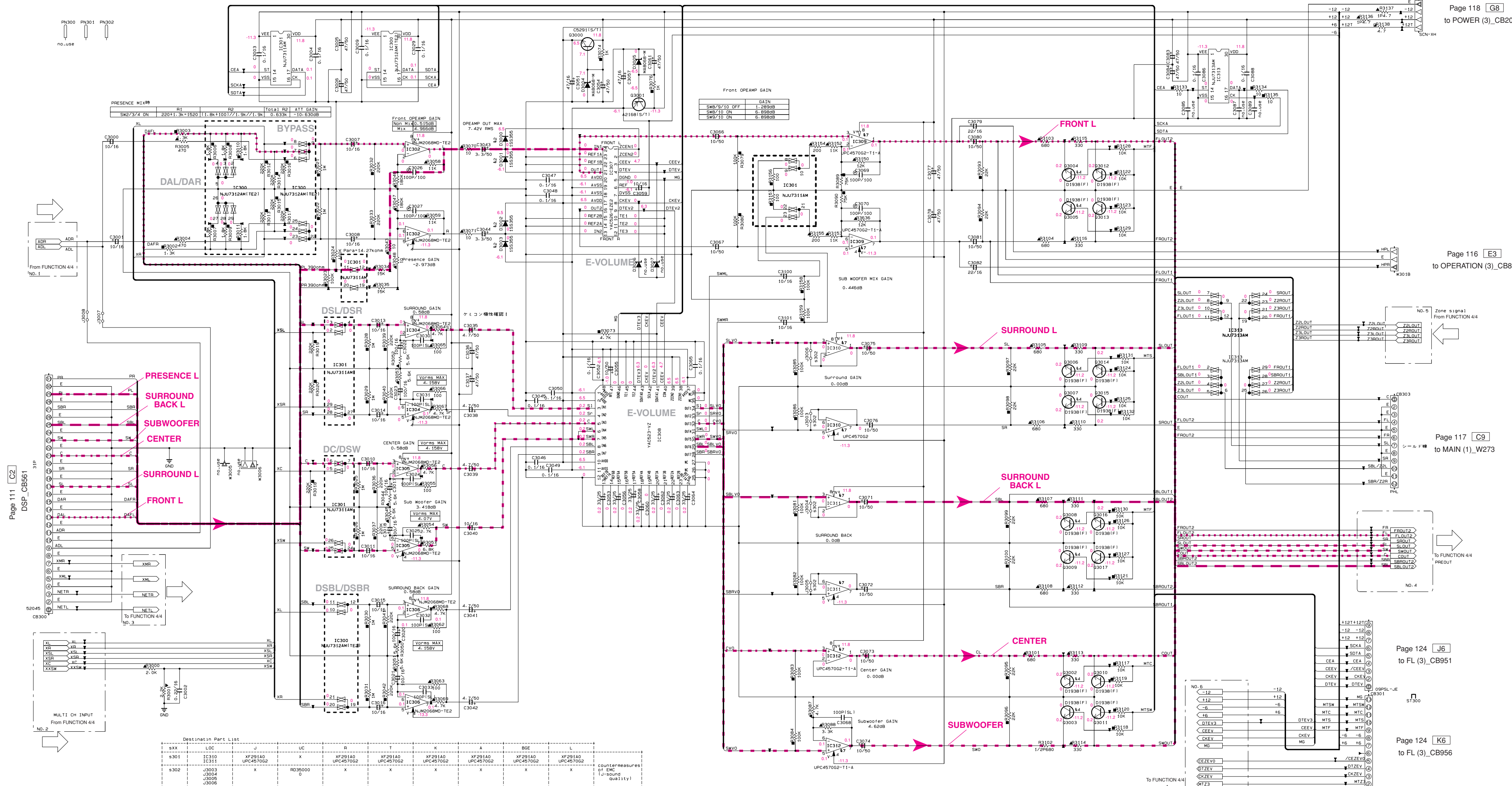
CAPACITOR	
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊙	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	CERAMIC TUBULAR CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
①	MICA CAPACITOR
⊙	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR



- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked with a triangle symbol and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.
- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 三角形のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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FUNCTION 3/4

FUNCTION (2)



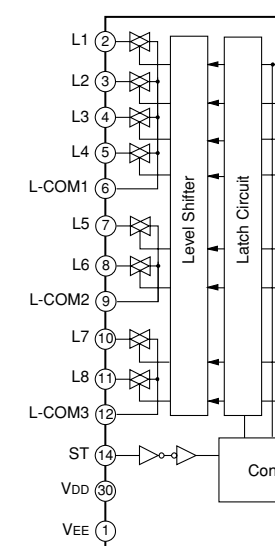
Destination Part List	Part Name	Value	Part Name	Value	Part Name	Value	Part Name	Value	Part Name	Value
1-10	IC300	IC300	IC301	IC301	IC302	IC302	IC303	IC303	IC304	IC304
1-11	IC305	IC305	IC306	IC306	IC307	IC307	IC308	IC308	IC309	IC309
1-12	IC310	IC310	IC311	IC311	IC312	IC312	IC313	IC313	IC314	IC314
1-13	IC315	IC315	IC316	IC316	IC317	IC317	IC318	IC318	IC319	IC319
1-14	IC320	IC320	IC321	IC321	IC322	IC322	IC323	IC323	IC324	IC324
1-15	IC325	IC325	IC326	IC326	IC327	IC327	IC328	IC328	IC329	IC329
1-16	IC330	IC330	IC331	IC331	IC332	IC332	IC333	IC333	IC334	IC334
1-17	IC335	IC335	IC336	IC336	IC337	IC337	IC338	IC338	IC339	IC339
1-18	IC340	IC340	IC341	IC341	IC342	IC342	IC343	IC343	IC344	IC344
1-19	IC345	IC345	IC346	IC346	IC347	IC347	IC348	IC348	IC349	IC349
1-20	IC350	IC350	IC351	IC351	IC352	IC352	IC353	IC353	IC354	IC354

RESISTOR	PARTS NAME	REMARKS
NO MARK	CARBON FILM RESISTOR (P=5)	
NO MARK	CARBON FILM RESISTOR (P=10)	
NO MARK	METAL OXIDE FILM RESISTOR	
NO MARK	METAL FILM RESISTOR	
NO MARK	METAL PLATE RESISTOR	
NO MARK	FIRE PROOF CARBON FILM RESISTOR	
NO MARK	CEMENT MOLDED RESISTOR	
NO MARK	SEMI VARIABLE RESISTOR	
NO MARK	CHIP RESISTOR	

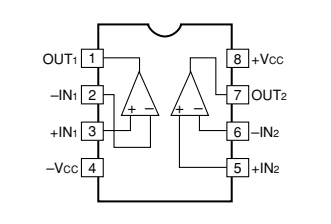
CAPACITOR	PARTS NAME	REMARKS
NO MARK	ELECTROLYTIC CAPACITOR	
NO MARK	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
NO MARK	CERAMIC TUBULAR CAPACITOR	
NO MARK	POLYESTER FILM CAPACITOR	
NO MARK	POLYSTYRENE FILM CAPACITOR	
NO MARK	MICA CAPACITOR	
NO MARK	POLYPROPYLENE FILM CAPACITOR	
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR	
NO MARK	POLYPHENYLENE SULFIDE FILM CAPACITOR	

NOTICE (mode1)
(J) JAPAN
(U) U.S.A
(C) CANADA
(A) GENERAL
(T) CHINA
(K) KOREA
(A) AUSTRALIA
(B) BRITISH
(G) EUROPE
(L) SINGAPORE
(E) SOUTH EUROPE
(V) TAIWAN

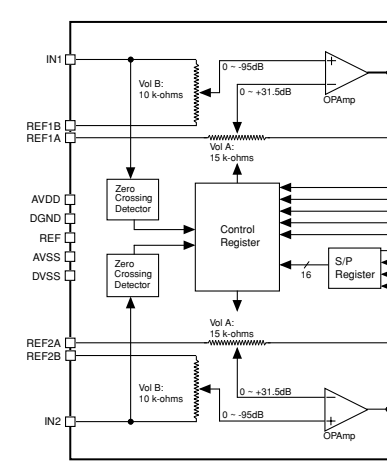
IC313: NJU7313AM
Analog function switch



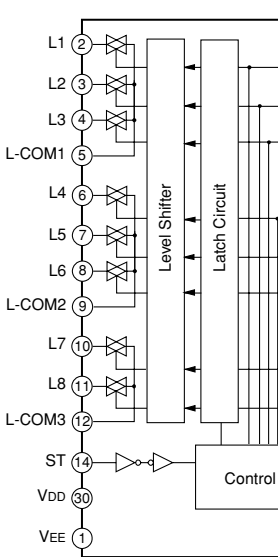
IC309-312: μPC4570G2
Dual operational amplifier



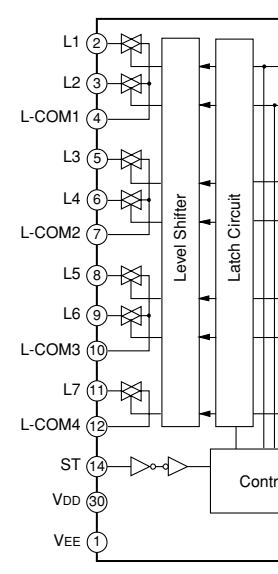
IC307: YAC526-EZE2
2ch high grade digital volume LSI



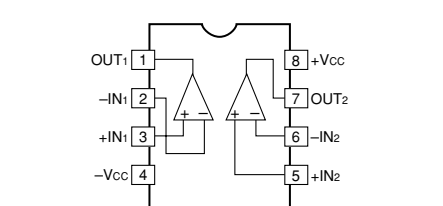
IC300: NJU7312AM
Analog function switch



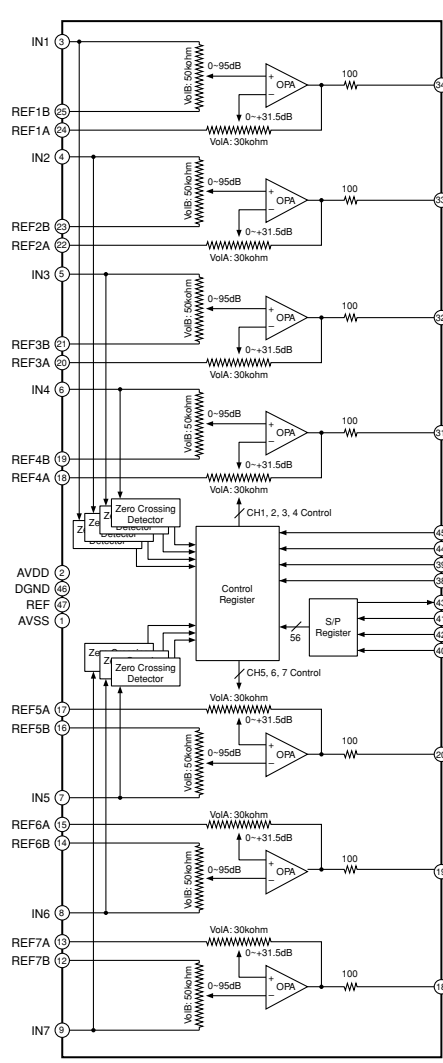
IC301: NJU7311AM
Analog function switch



IC302, 304-306: NJM2068MD-TE2
Dual operational amplifier



IC308: YAC523-EVR2
Digital volume



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked (A) and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.
● 電圧は、内部抵抗10MΩの電圧計で測定したものです。
● (A)印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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2

FUNCTION (2)

Page 116 E3
to OPERATION (3)_CB806

Page 124 G6
to FL (2)_CB967

Page 111 E2
to DSP_CB560



4

5

6

7

8

9

10

Page 120 H8
to A-VIDEO_CB209

NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN

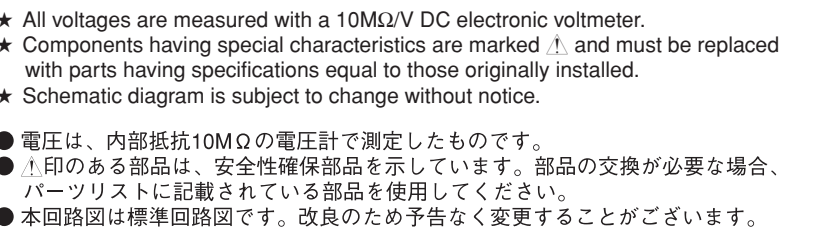
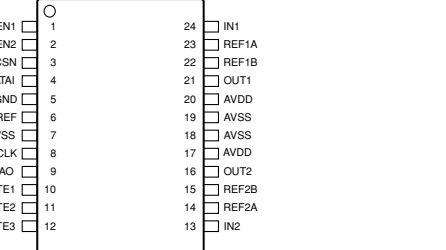
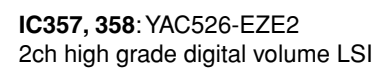
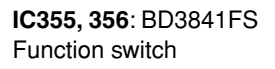
RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=1)
	CARBON FILM RESISTOR (P=10)
	METAL OXIDE FILM RESISTOR
	METAL FILM RESISTOR
	METAL PLATE RESISTOR
	FIRE PROOF CARBON FILM RESISTOR
	CEMENT MOLDED RESISTOR
	SEMI VARIABLE RESISTOR
	CHIP RESISTOR

CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	H
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	H
⊙	CERAMIC TUBULAR CAPACITOR	
⊗	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
②	POLYPROPYLENE FILM CAPACITOR	
③	SEMICONDUCTIVE CERAMIC CAPACITOR	
⑤	POLYPHENYLENE SULFIDE FILM CAPACITOR	

Page 124 K2
to FL (4)_CB965

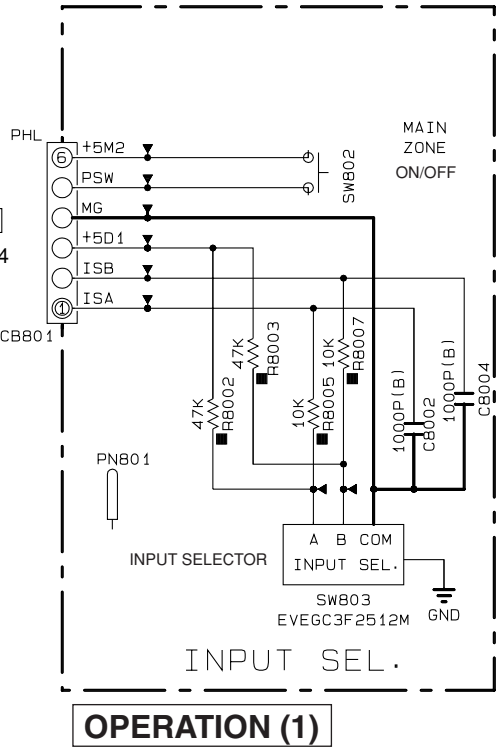
U, C, R, T, K, A, B, G, E, L models

IC350, 351: NJM2068MD-TE2
Dual operational amplifier



OPERATION

Page 123 [H6]
to FL (1)_W9004

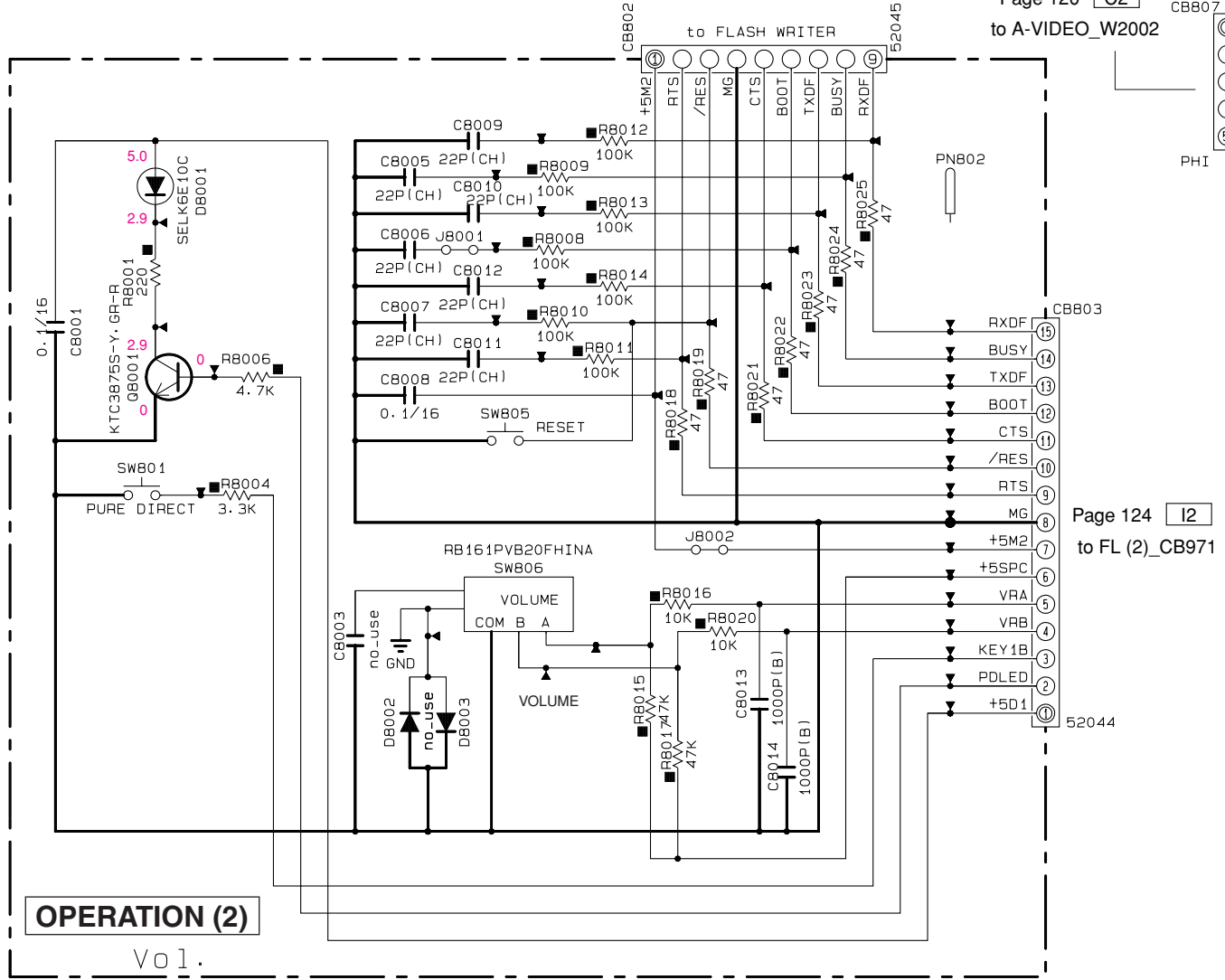


Page 109 [F2]
to DSP_W5001

Page 115 [D2]
to FUNCTION (2)_W301A

Page 114 [L4]
to FUNCTION (2)_W301B

Page 120 [C2]
to A-VIDEO_W2002



Page 124 [I2]
to FL (2)_CB971

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1	0B002-8003	2SD1938(F) 2SC3361(A/B) 2SC5938(A/B) 2SD2704K
k2	DB004-8008, 8010	1SS395 MA111 KDS160-RTK/P

Destination Part List

Mark	Destination	Part Number	Part Name
s1	LOC	US13510	0.1/16
s2	J8005	X	RD35000

NOTICE (model)

- (J)..... JAPAN
- (U)..... U.S.A
- (C)..... CANADA
- (R)..... GENERAL
- (T)..... CHINA
- (K)..... KOREA
- (A)..... AUSTRALIA
- (B)..... BRITISH
- (L)..... EUROPE
- (S)..... SINGAPORE
- (E)..... SOUTH EUROPE
- (V)..... TAIWAN

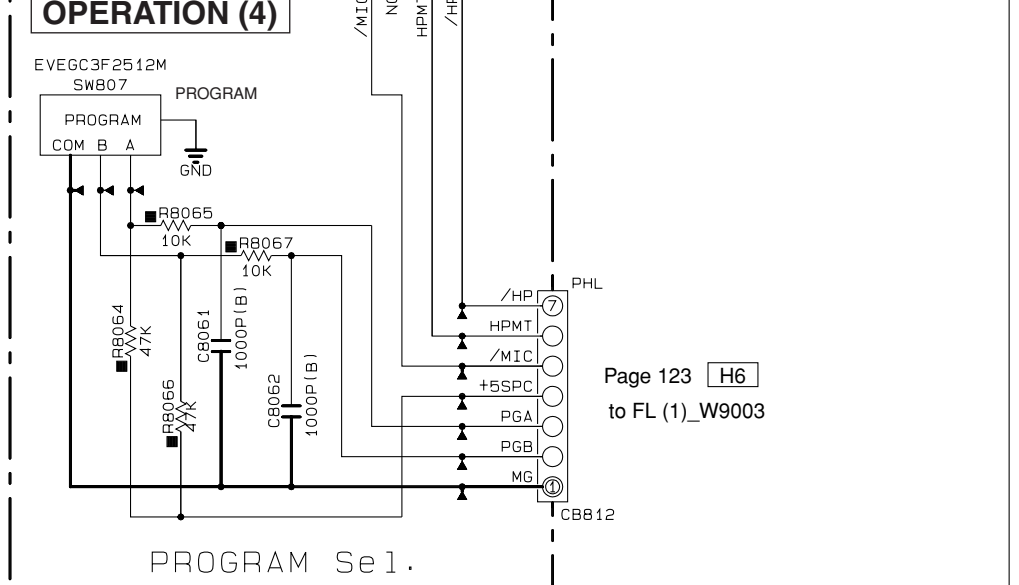
- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。

OPERATION (3)

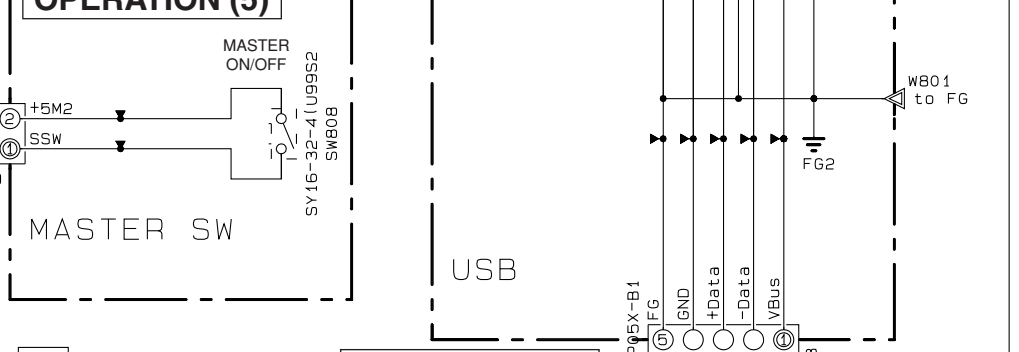
VIDEO-AUX

OPERATION (4)



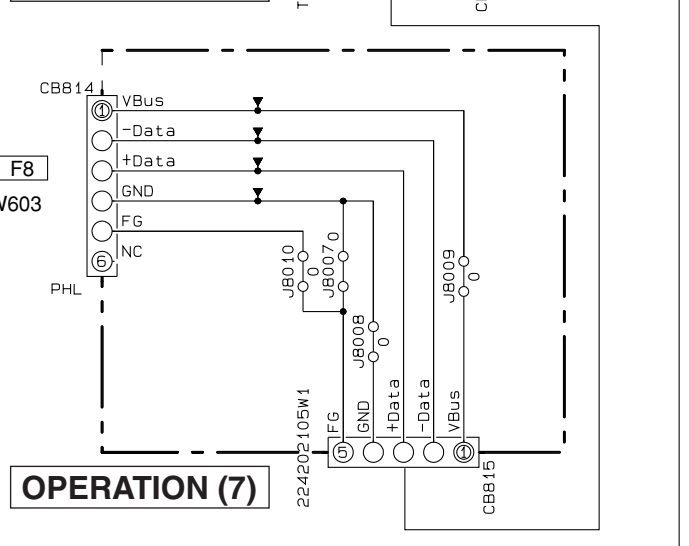
Page 123 [H4]
to FL (1)_W9002

OPERATION (5)



Page 125 [F8]
to NET_W603

OPERATION (6)



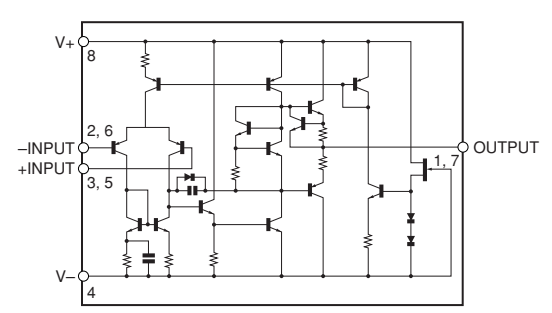
OPERATION (7)

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
	CARBON FILM RESISTOR (P=10)
	METAL OXIDE FILM RESISTOR
	METAL FILM RESISTOR
	METAL PLATE RESISTOR
	FIRE PROOF CARBON FILM RESISTOR
	CEMENT MOLDED RESISTOR
	SEMI VARIABLE RESISTOR
	CHIP RESISTOR

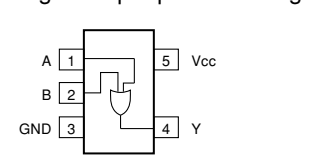
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
	CERAMIC TUBULAR CAPACITOR
	POLYESTER FILM CAPACITOR
	POLYSTYRENE FILM CAPACITOR
	MICA CAPACITOR
	POLYPROPYLENE FILM CAPACITOR
	SEMICONDUCTIVE CERAMIC CAPACITOR

- INPUT SELECTOR
- VOLUME
- VIDEO-AUX
- HEAD PHONE AMP
- MIC AMP
- PROGRAM SELECTOR
- MASTER SWITCH
- USB CONNECTOR

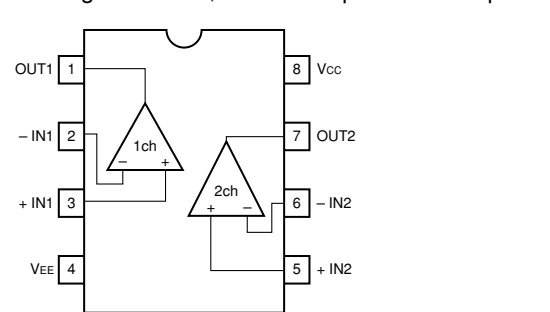
IC801: NJM4565M
Dual operational amplifier



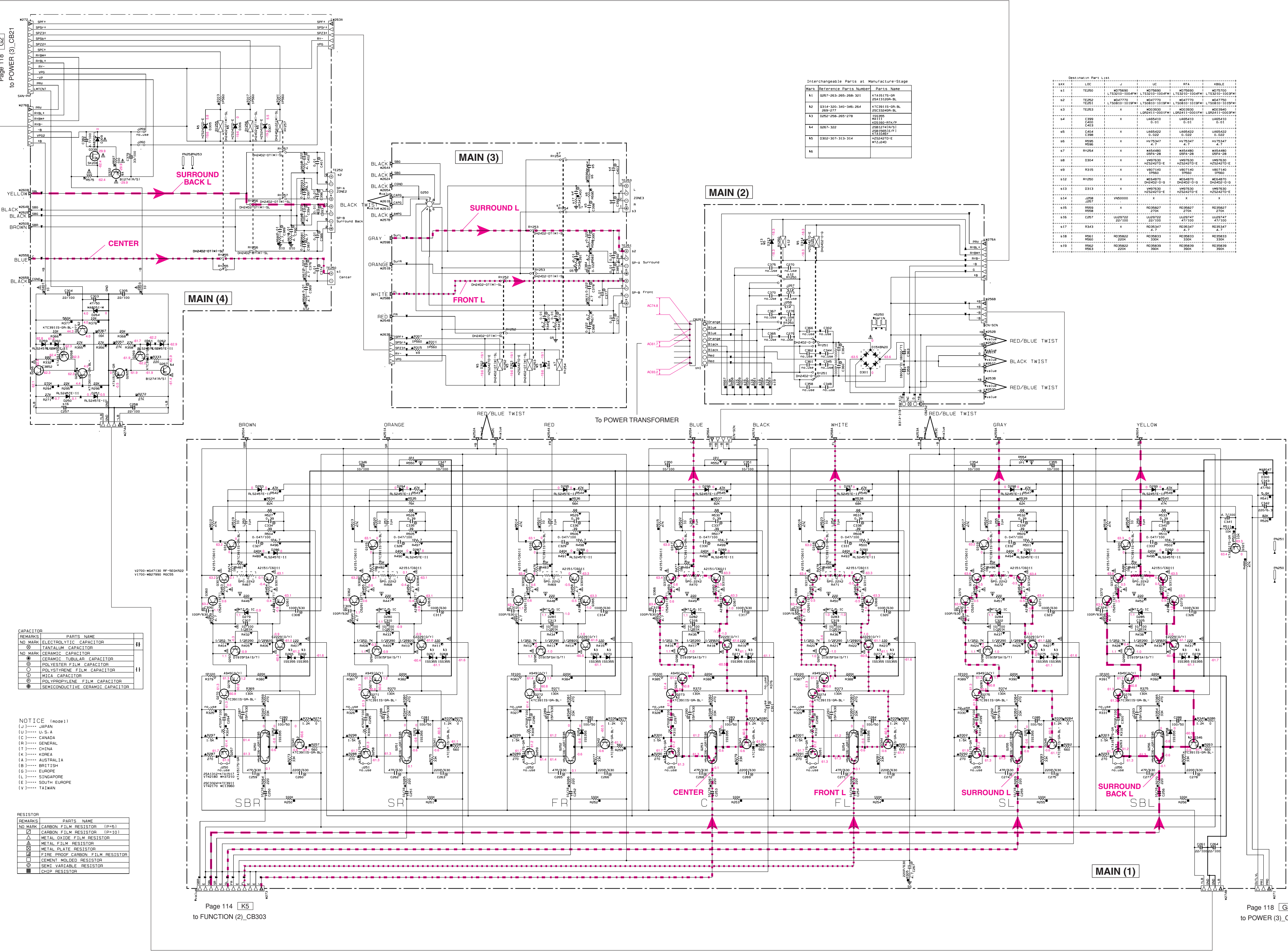
IC802: SN74AHCT1632DCKR
Single 2-input positive-OR gate



IC805: BA15218F
Dual high slew rate, low noise operational amplifier

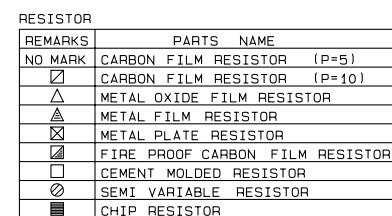


MAIN



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.

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● 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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NOTICE (model)
 (J)..... JAPAN
 (U)..... U. S. A
 (C)..... CANADA
 (R)..... GENERAL
 (T)..... CHINA
 (K)..... KOREA
 (A)..... AUSTRALIA
 (B)..... BRITISH
 (G)..... EUROPE
 (L)..... SINGAPORE
 (E)..... SOUTH EUROPE
 (V)..... TAIWAN

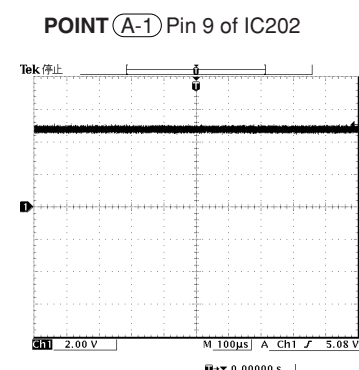
CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	F
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	I
⊙	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
②	POLYPROPYLENE FILM CAPACITOR	
⊕	SEMICONDUCTIVE CERAMIC CAPACITOR	
③	POLYPHENYLENE SULFIDE FILM CAPACITOR	

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Destination Part List						
Box	LOC	J	U-C	R-X	T-A-B-G-L-E	
n1	PJ002	W028610 HY-30-1011		X	X	
	PJ003					
	PJ004					
	PJ005					
	PJ006					
n2	PJ007	RC00910 100	X	X	X	
	PJ008					
	PJ009					
	PJ010					
	PJ011					
n3	PJ012					
	PJ013					
	PJ014	U00410 0-01	X	X	X	
	PJ015					
	PJ016					
n4	PJ017					
	PJ018					
	PJ019	V73360 13036A	X	X	X	
	PJ020					
	PJ021					
n5	PJ022					
	PJ023	HY7310	X	X	X	
	PJ024					
	PJ025	U13910 0-110	X	X	X	
	PJ026					
n6	PJ027	V33040 T76-0022AF				
	PJ028					
	PJ029	RC25475 10	X	X	X	
	PJ030					
	PJ031					
n9	PJ032					
	PJ033	U00000 100	X	X	X	
	PJ034					
	PJ035	RC00910 100	X	X	X	
	PJ036					
n11	PJ037	WH01810 V1221-1007Y	WH01810 V1221-1000Y	WH01810 V1221-1000Y	WH01810 V1221-1002Y	
	PJ038					
	PJ039	WH01810 V1221-1000Y	WH01810 V1221-1000Y	WH01810 V1221-1000Y	WH01810 V1221-1000Y	
	PJ040					
	PJ041					

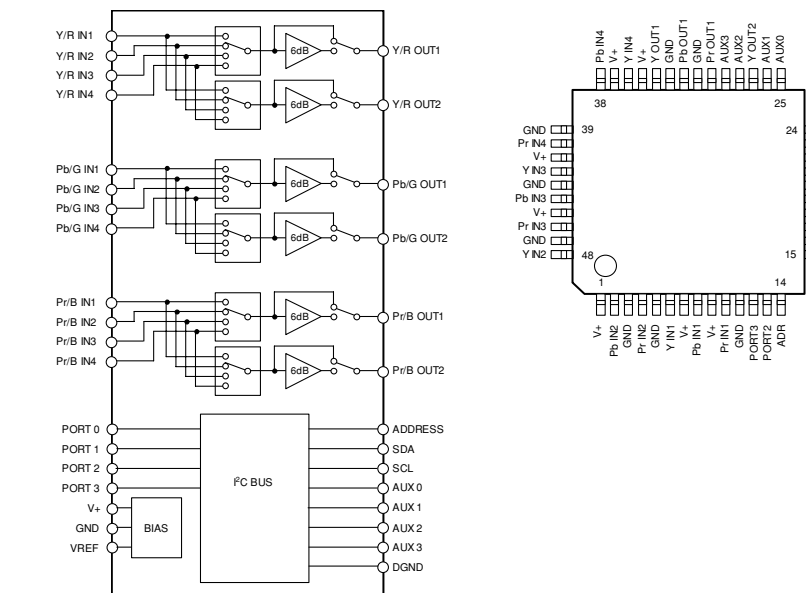
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Interchangeable Parts at Manufacture-Stage		
Mark	Reference Parts Number	Parts Name
61	02001-2009-2061-2062-2065-2063-2061-2062-2061-2062-2063-2063-2065-20662	153395 MA111
	62 02541-2646	DTC144DKA KRC1045-RTK/P
	63 IC220	TK15420MTL AD8066EAR
	64 IC2111-214	WM74HC40515X TC74HC4051AF1EL-F
	65 IC204-205	WM74HC40525X TC74HC4052AF1EL-F
66 IC217-221	WM74HC40535X TC74HC4053AF1EL-F	

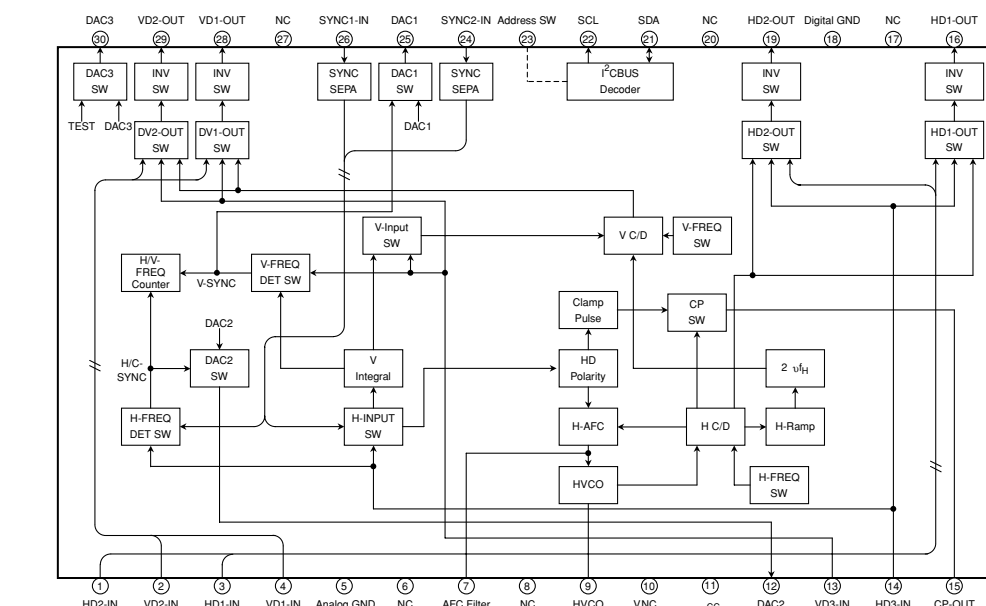


POINT (A-1) Pin 9 of IC202

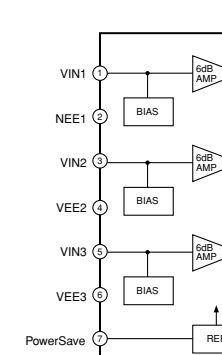
IC201: NJW1321FP1
Wide band video switch with I²C bus



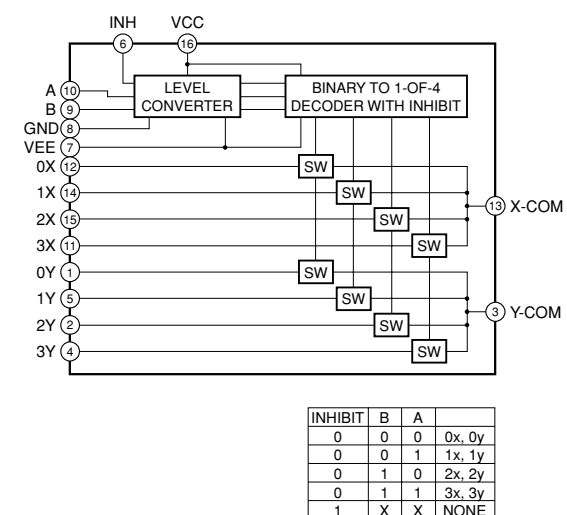
IC202: TA1318AF
SYNC processor, frequency counter IC for TV component signals



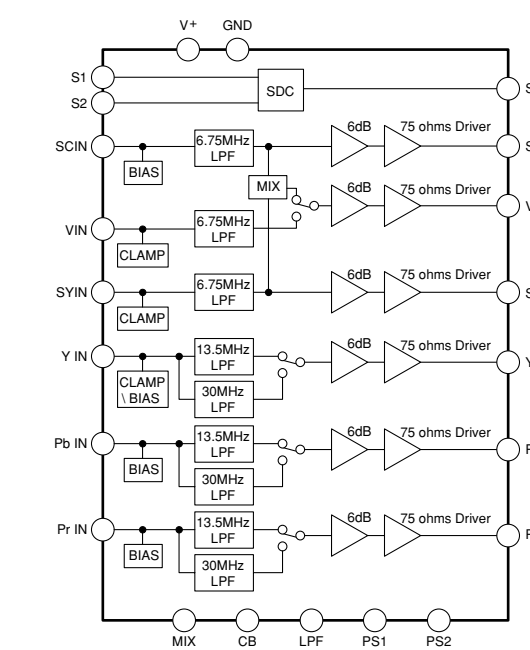
IC203: NJM2581M
Video amplifier



IC204, 205: TC74HC4052AF
Analog multiplexer/demultiplexer



IC207: NJM2566AV
6ch video amplifier for DVD

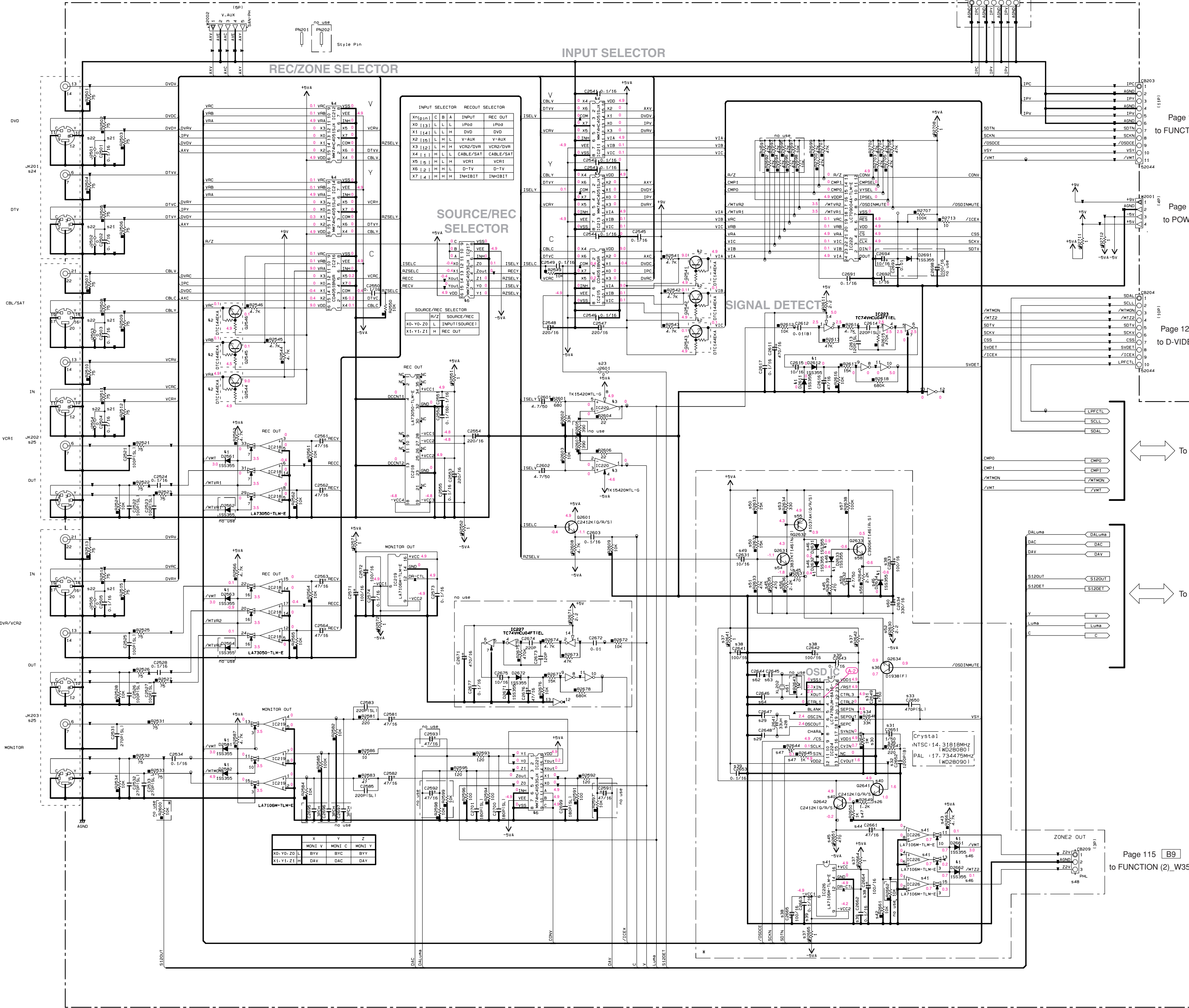


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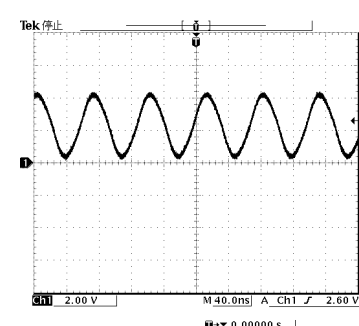
A-VIDEO

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to OPERATION (3)_CB807



	X	Y	Z
REL-10-20-25	BYV	BYC	BYV
REL-Y1-21	DAV	DAC	DAT

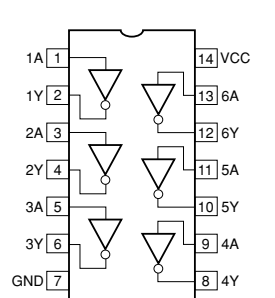
POINT (A-2) Pin 3 of IC224



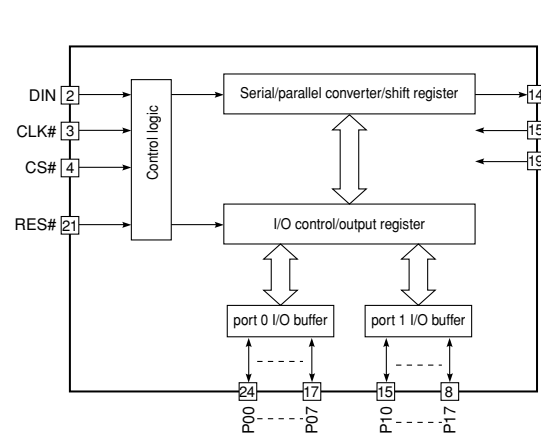
- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked with a triangle (▲) and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- ▲印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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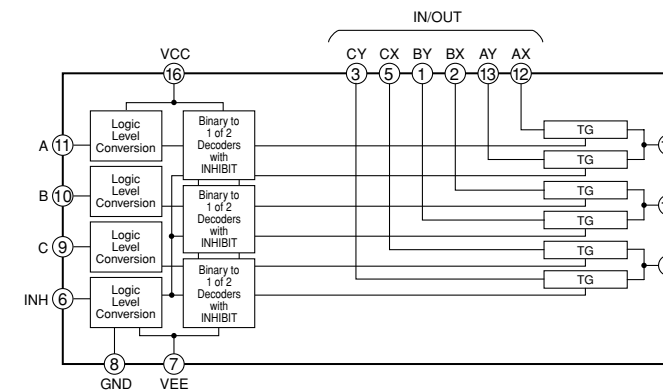
IC223: TC74VHC04FT
Hex inverters



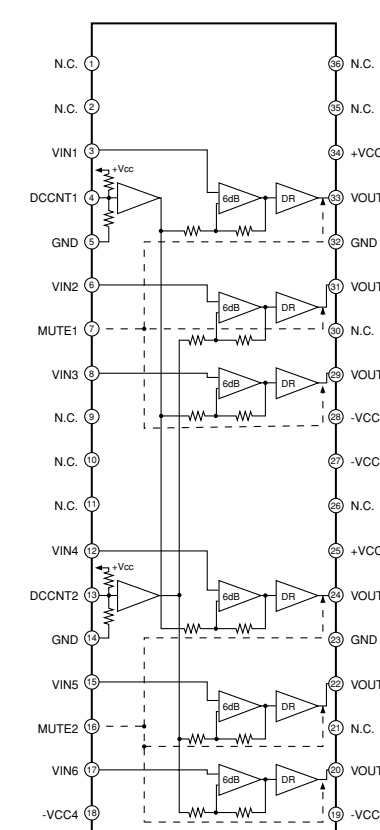
IC222: LC709004A-TLM-E
I/O-expander for microcontroller



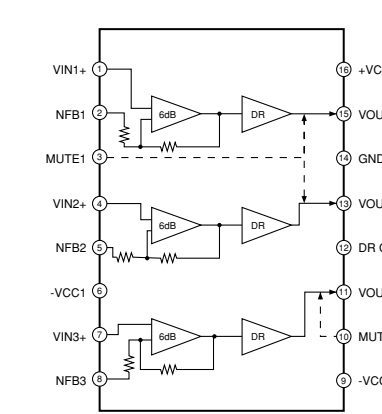
IC217, 221: MM74HC4053SJX
Triple 2-channel analog multiplexer



IC218: LA73050-TLM-E
Analog dual operational amplifier



IC219, 226: LA7106M-TLM-E
Analog dual operational amplifier



NOTICE (model)

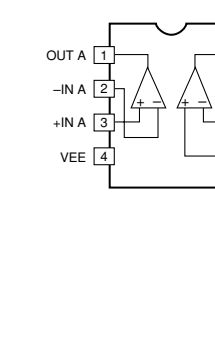
- (J) JAPAN
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- (A) AUSTRALIA
- (B) BRITISH
- (G) EUROPE
- (L) SINGAPORE
- (E) SOUTH EUROPE
- (V) TAIWAN

RESISTOR	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
NO MARK	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
△	METAL FILM RESISTOR
□	METAL PLATE RESISTOR
■	FIRE PROOF CARBON FILM RESISTOR
■	CEMENT MOLDED RESISTOR
■	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

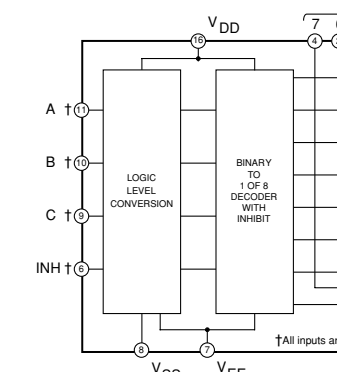
CAPACITOR	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
NO MARK	CERAMIC TUBULAR CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
○	MICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	SEMICONDUCTIVE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

Part List	Part List	Part List	Part List	Part List	Part List		
IC218	LA73050-TLM-E	IC219	LA7106M-TLM-E	IC220	TK15420M		
IC221	MM74HC4053SJX	IC222	LC709004A-TLM-E	IC223	TC74VHC04FT	IC224	LC74782JM-8A16-TLM
IC225	LA73050-TLM-E	IC226	LA73050-TLM-E	IC227	LA73050-TLM-E	IC228	LA73050-TLM-E
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IC565	LA73050-TLM-E	IC566	LA73050-TLM-E	IC567	LA73050-TLM-E	IC568	LA73050-TLM-E
IC569	LA73050-TLM-E	IC570	LA73050-TLM-E	IC571	LA73050-TLM-E	IC572	LA73050-TLM-E
IC573	LA73050-TLM-E	IC574	LA73050-TLM-E	IC575	LA73050-TLM-E	IC576	LA73050-TLM-E
IC577	LA73050-TLM-E	IC578	LA73050-TLM-E	IC579	LA73050-TLM-E	IC580	LA73050-TLM-E
IC581	LA73050-TLM-E	IC582	LA73050-TLM-E	IC583	LA73050-TLM-E	IC584	LA73050-TLM-E
IC585	LA73050-TLM-E	IC586	LA73050-TLM-E	IC587	LA73050-TLM-E	IC588	LA73050-TLM-E
IC589	LA73050-TLM-E	IC590	LA73050-TLM-E	IC591	LA73050-TLM-E	IC592	LA73050-TLM-E
IC593	LA73050-TLM-E	IC594	LA73050-TLM-E	IC595	LA73050-TLM-E	IC596	LA73050-TLM-E
IC597	LA73050-TLM-E	IC598	LA73050-TLM-E	IC599	LA73050-TLM-E	IC600	LA73050-TLM-E
IC601	LA73050-TLM-E	IC602	LA73050-TLM-E	IC603	LA73050-TLM-E	IC604	LA73050-TLM-E
IC605	LA73050-TLM-E	IC606	LA73050-TLM-E	IC607	LA73050-TLM-E	IC608	LA73050-TLM-E
IC609	LA73050-TLM-E	IC610	LA73050-TLM-E	IC611	LA73050-TLM-E	IC612	LA73050-TLM-E
IC613	LA73050-TLM-E	IC614	LA73050-TLM-E	IC615	LA73050-TLM-E	IC616	LA73050-TLM-E
IC617	LA73050-TLM-E	IC618	LA73050-TLM-E	IC619	LA73050-TLM-E	IC620	LA73050-TLM-E
IC621	LA73050-TLM-E	IC622	LA73050-TLM-E	IC623	LA73050-TLM-E	IC624	LA73050-TLM-E
IC625	LA73050-TLM-E	IC626	LA73050-TLM-E	IC627	LA73050-TLM-E	IC628	LA73050-TLM-E
IC629	LA73050-TLM-E	IC630	LA73050-TLM-E	IC631	LA73050-TLM-E	IC632	LA73050-TLM-E
IC633	LA73050-TLM-E	IC634	LA73050-TLM-E	IC635	LA73050-TLM-E	IC636	LA73050-TLM-E
IC637	LA73050-TLM-E	IC638	LA73050-TLM-E	IC639	LA73050-TLM-E	IC640	LA73050-TLM-E
IC641	LA73050-TLM-E	IC642	LA73050-TLM-E	IC643	LA73050-TLM-E	IC644	LA73050-TLM-E
IC645	LA73050-TLM-E	IC646	LA73050-TLM-E	IC647	LA73050-TLM-E	IC648	LA73050-TLM-E
IC649	LA73050-TLM-E	IC650	LA73050-TLM-E	IC651	LA73050-TLM-E	IC652	LA73050-TLM-E
IC653	LA73050-TLM-E	IC654	LA73050-TLM-E	IC655	LA73050-TLM-E	IC656	LA73050-TLM-E
IC657	LA73050-TLM-E	IC658	LA73050-TLM-E	IC659	LA73050-TLM-E	IC660	LA73050-TLM-E
IC661	LA73050-TLM-E	IC662	LA73050-TLM-E	IC663	LA73050-TLM-E	IC664	LA73050-TLM-E
IC665	LA73050-TLM-E	IC666	LA73050-TLM-E	IC667	LA73050-TLM-E	IC668	LA73050-TLM-E
IC669	LA73050-TLM-E	IC670	LA73050-TLM-E	IC671	LA73050-TLM-E	IC672	LA73050-TLM-E
IC673	LA73050-TLM-E	IC674	LA73050-TLM-E	IC675	LA73050-TLM-E	IC676	LA73050-TLM-E
IC677	LA73050-TLM-E	IC678	LA73050-TLM-E	IC679	LA73050-TLM-E	IC680	LA73050-TLM-E
IC681	LA73050-TLM-E	IC682	LA73050-TLM-E	IC683	LA73050-TLM-E	IC684	LA73050-TLM-E
IC685	LA73050-TLM-E	IC686	LA73050-TLM-E	IC687	LA73050-TLM-E	IC688	LA73050-TLM-E
IC689	LA73050-TLM-E	IC690	LA73050-TLM-E	IC691	LA73050-TLM-E	IC692	LA73050-TLM-E
IC693	LA73050-TLM-E	IC694	LA73050-TLM-E	IC695	LA73050-TLM-E	IC696	LA73050-TLM-E
IC697	LA73050-TLM-E	IC698	LA73050-TLM-E	IC699	LA73050-TLM-E	IC700	LA73050-TLM-E
IC701	LA73050-TLM-E	IC702	LA73050-TLM-E	IC703	LA73050-TLM-E	IC704	LA73050-TLM-E
IC705	LA73050-TLM-E	IC706	LA73050-TLM-E	IC707	LA73050-TLM-E	IC708	LA73050-TLM-E
IC709	LA73050-TLM-E	IC710	LA73050-TLM-E	IC711	LA73050-TLM-E	IC712	LA73050-TLM-E
IC713	LA73050-TLM-E	IC714	LA73050-TLM-E	IC715	LA73050-TLM-E	IC716	LA73050-TLM-E
IC717	LA73050-TLM-E	IC718	LA73050-TLM-E	IC719	LA73050-TLM-E	IC720	LA73050-TLM-E
IC721	LA73050-TLM-E	IC722	LA73050-TLM-E	IC723	LA73050-TLM-E	IC724	LA73050-TLM-E
IC725	LA73050-TLM-E	IC726	LA73050-TLM-E	IC727	LA73050-TLM-E	IC728	LA73050-TLM-E
IC729	LA73050-TLM-E	IC730	LA73050-TLM-E	IC731	LA73050-T		

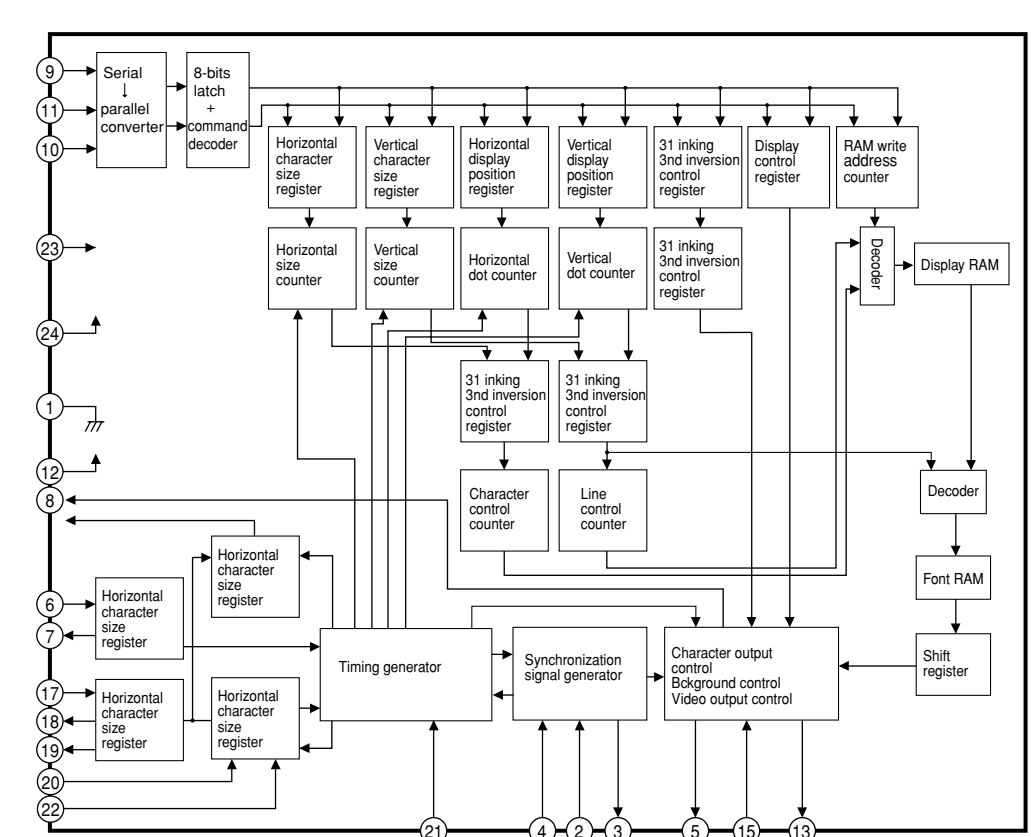
IC220: TK15420M
Video amplifier



IC215, 216: CD4051BNSR
Single 8-channel multiplexer



IC224 : LC74782JM-8A16-TLM
The on-screen display controller LSI



VSS1	1	24	VDD1
Xin1	2	23	RST
Xin2	3	22	CTRL3
CTAL1	4	21	CTRL2
BLANK	5	20	SEPN
OSCIN	6	19	SEPO
OSCOUT	7	18	SEPC
CHARA	8	17	SYN
CS	9	16	VDD1
SLCK	10	15	CVN
SIN	11	14	NC
VDD2	12	13	CVOUT

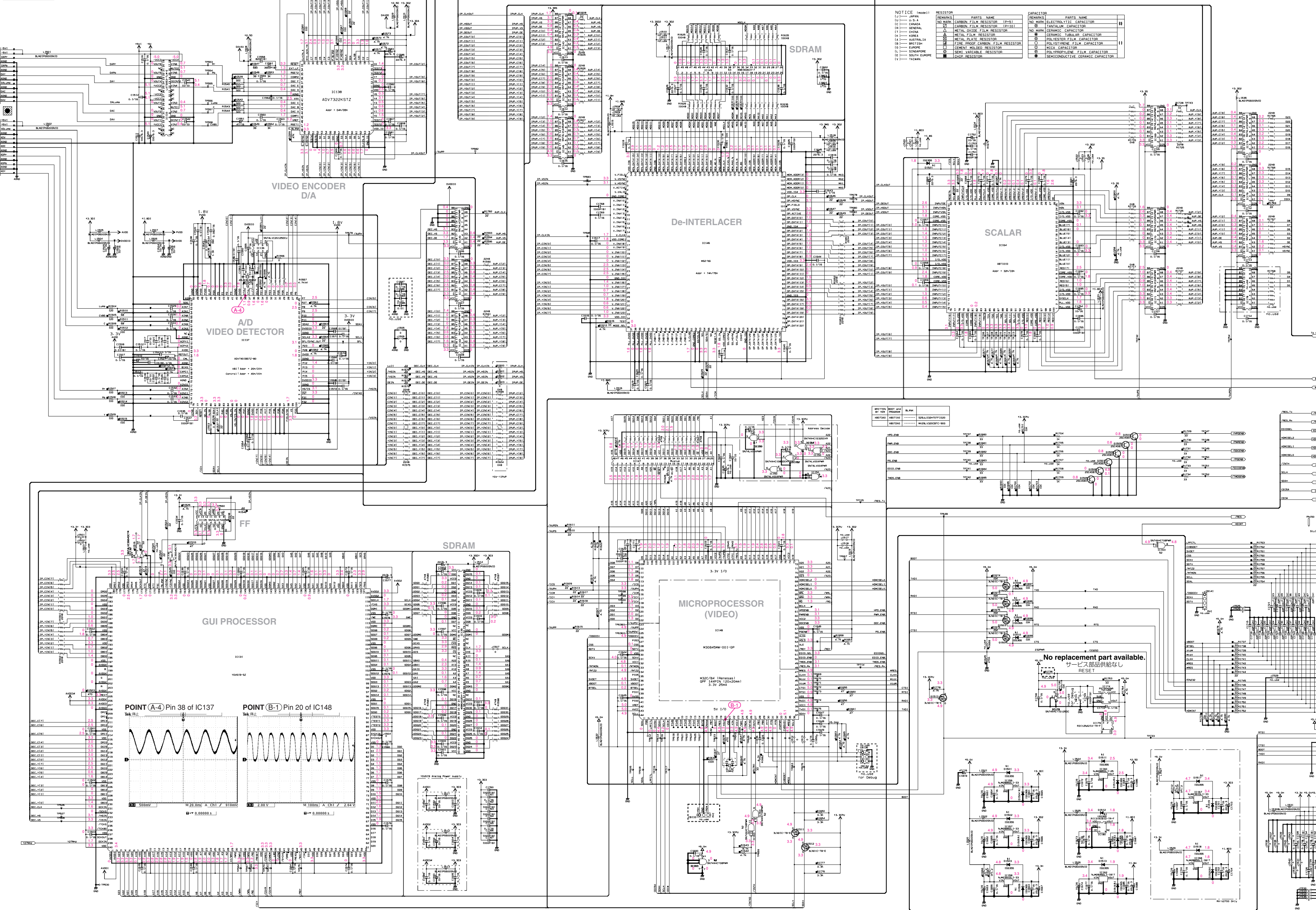
SMT type



121

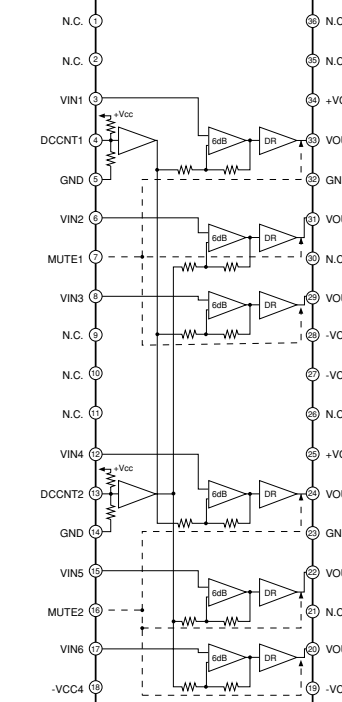
D-VIDEO 2/2

D-VIDEO



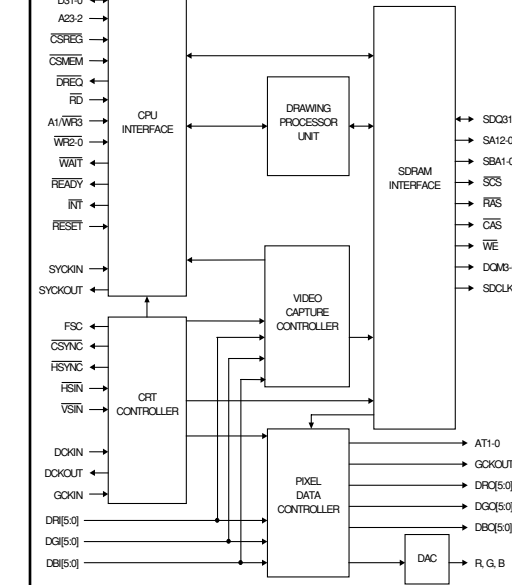
IC133: LA73053-TLM-E

Analog dual operational amplifier



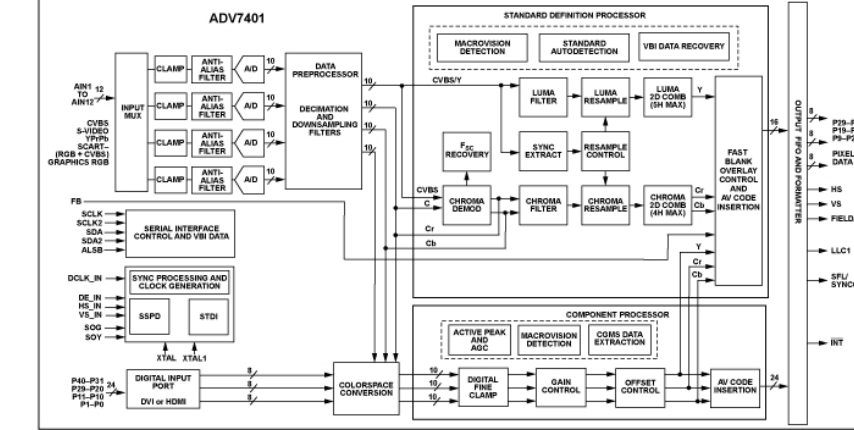
IC131: YGV619

OSD display controller



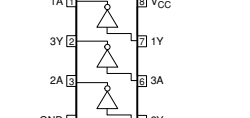
IC137: ADV7401BSTZ-80

Multiformat SDTV/HDTV video decoder and RGB graphics digitizer



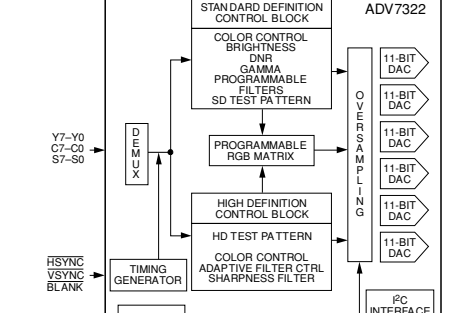
IC132: SN74LVC3G04DCTR

Triple inverter gate



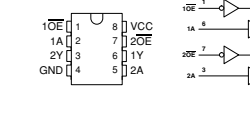
IC138: ADV7322KSTZ

Multiformat 11-bit HDTV video encoder



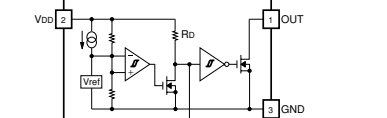
IC136: SN74LVC2G125DCUR

Dual bus buffer gate



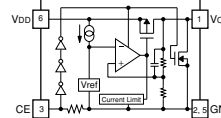
IC179: R3112N421A-TR-F

Low voltage detector with output delay



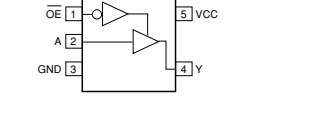
IC180: R1131N181D

Voltage regulator



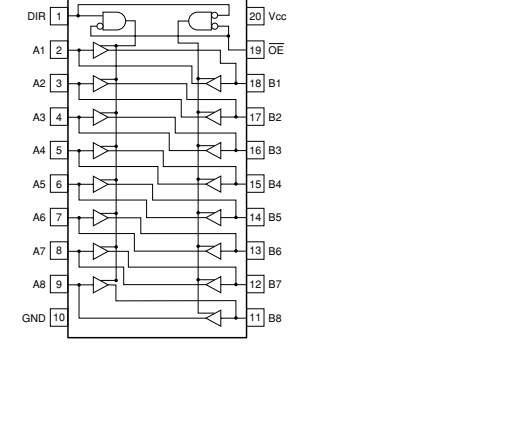
IC172: SN74AHCT1G125DCKR

Single bus buffer gate



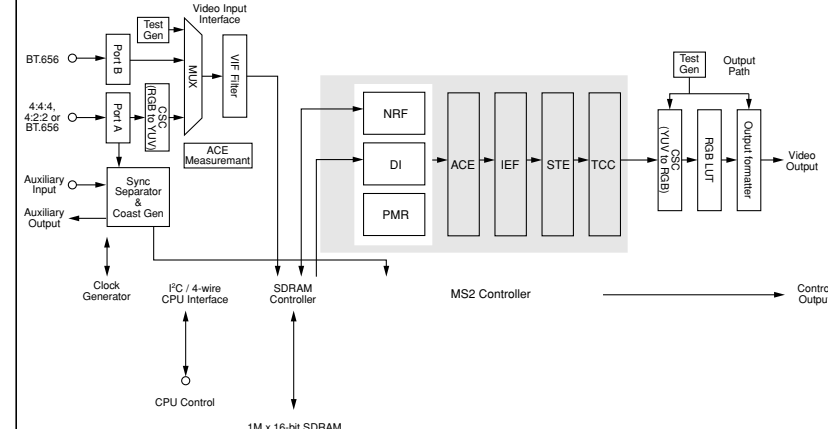
IC140-145, 169-171, 175-177: SN74LVC245APWR

Octal bus transceivers with 3-state outputs



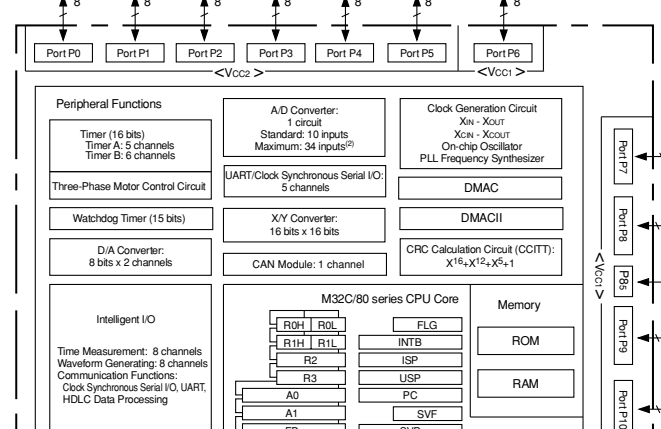
IC146: MS2-N

Video Processor



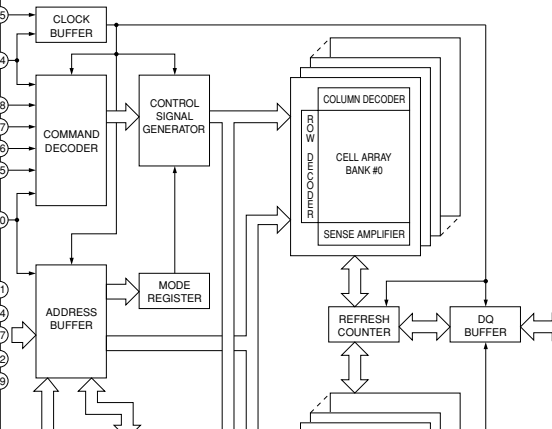
IC148: M30845MW-001-GP

Single chip 16/32-bit microprocessor



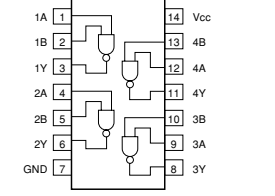
IC149: W9816G6CH-7

512k x 2 banks x 16 bits SDRAM



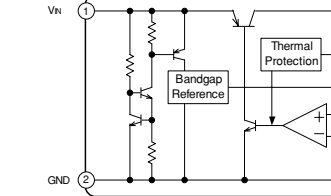
IC150: SN74LV00APWR

Quadrate 2-input positive-NAND gate



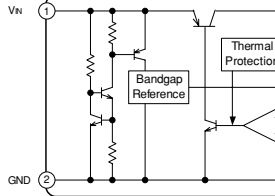
IC156, 157: NJM285DL1-33

Low dropout voltage regulator



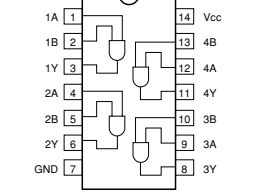
IC160: NJM285DL1-25

Low dropout voltage regulator



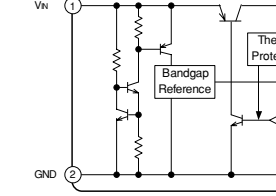
IC163: SN74AHCT08PWR

Quadrate 2-input positive-AND gates



IC162: NJM285DL1-18

Low dropout voltage regulator



IC168: NJM285DL1-18

Low dropout voltage regulator



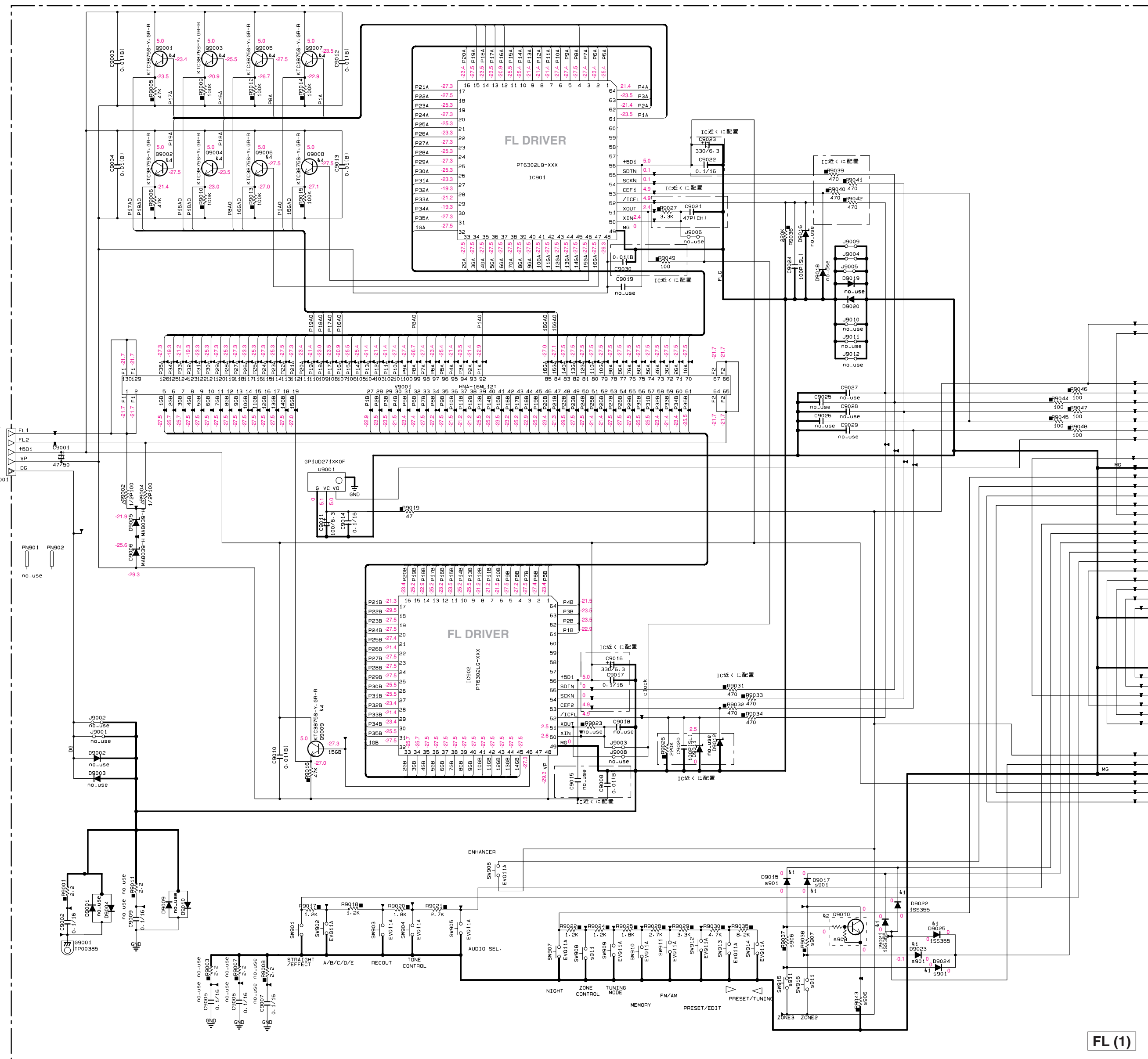
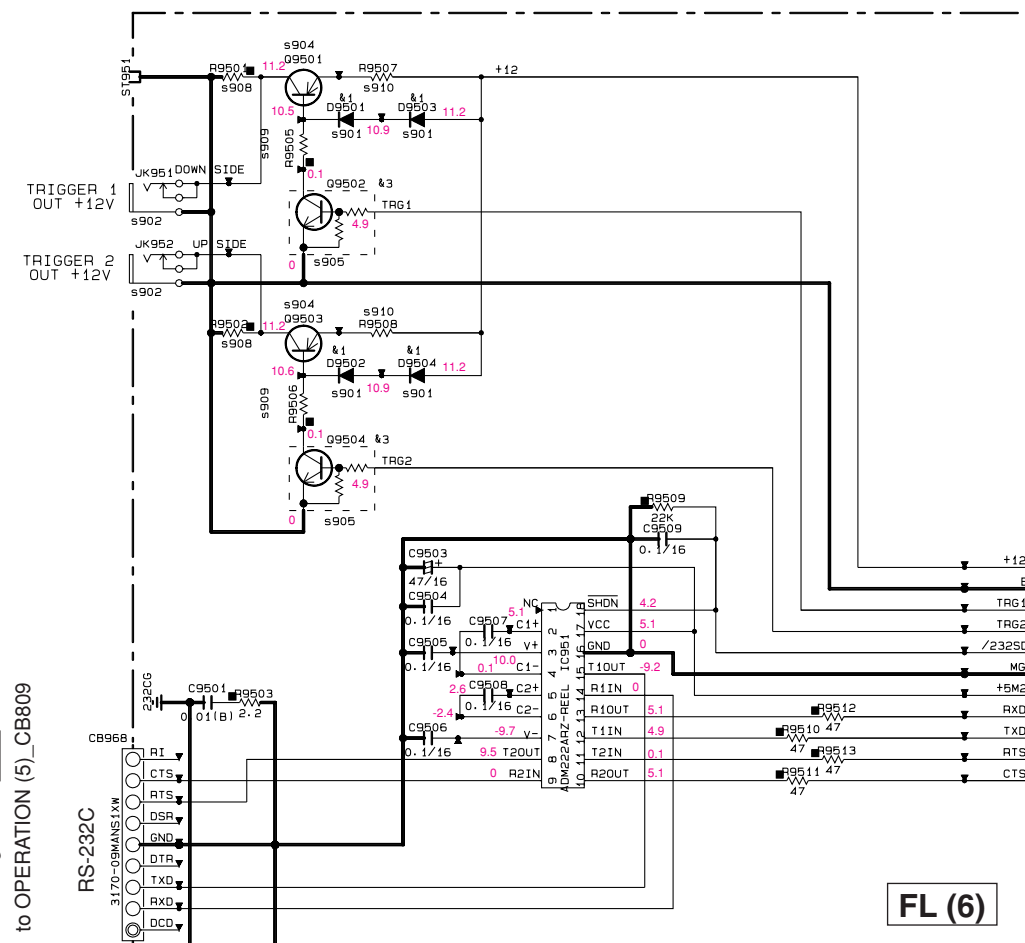
- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked with a triangle (▲) and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。

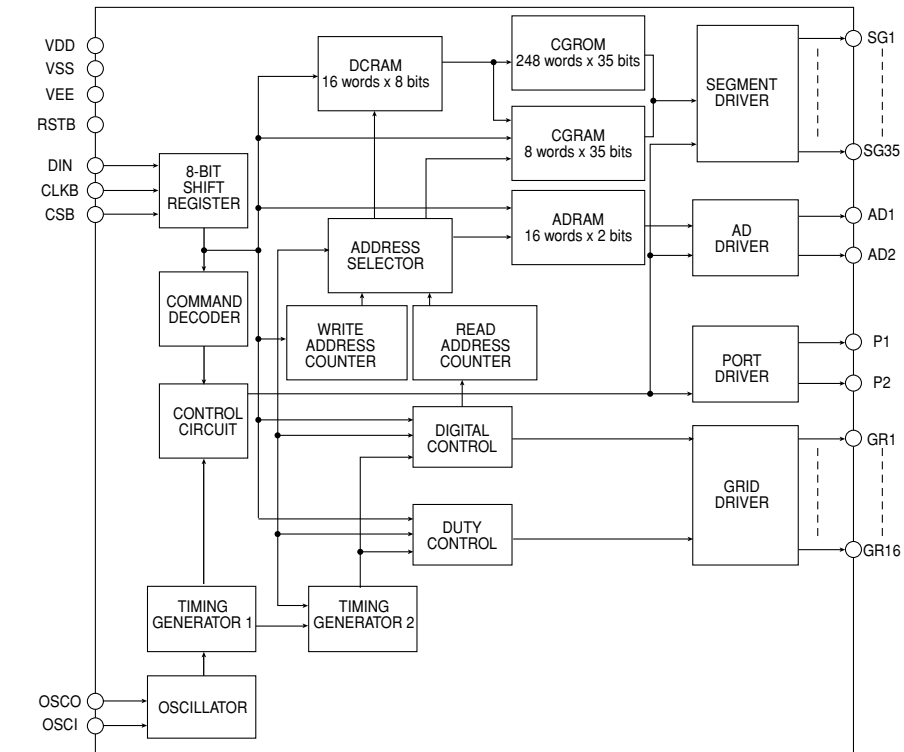
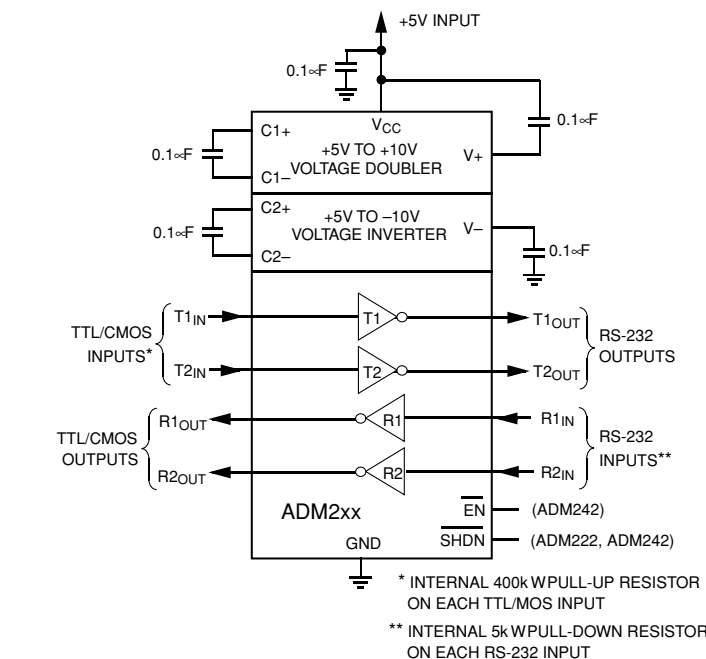
NOTES:

1. Parts P11 to P13 are provided in the 144-pin package only.
2. Included in the 144-pin package only.

FL 1/2

Page 116 [I4]
to OPERATION (5), CB809Page 124 [I4]
to FL (2), CB970Page 116 [K3]
to OPERATION (4), CB12Page 116 [B2]
to OPERATION (1), CB801Page 112 [C8]
to FUNCTION (1), CB405

xxx	LOC	J	U-C-R-T-K-A-B-G-L-E
s901	D9015	X	V133290
s902	D9016	X	V133290
s903	D9017	X	V133290
s904	D9018	X	V133290
s905	D9019	X	V133290
s906	D9020	X	V133290
s907	D9021	X	V133290
s908	D9022	X	V133290
s909	D9023	X	V133290
s910	D9024	X	V133290
s911	D9025	X	V133290

IC901, 902: PT6302LQ
VFD driver/controller IC with character RAMIC951: ADM222ARZ
High speed RS-232 line drivers/receivers

RX-V2700 (U, C, R, T, K, A, B, G, E, L models)

Key input (A-D) pull-up resistance 10k-ohms

Ohm	0	+1.2k	+1.2k	+1.8k	+2.7k	+3.3k	+4.7k	+8.2k	+18.0k	+47.0k
Key0 (124pin/AN156)	0-0.26	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72
Key1 (123pin/AN157)	0	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72
Key2 (123pin/AN157)	0	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72

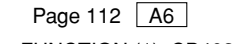
DSP-AX2700 (J model)

Key input (A-D) pull-up resistance 10k-ohms

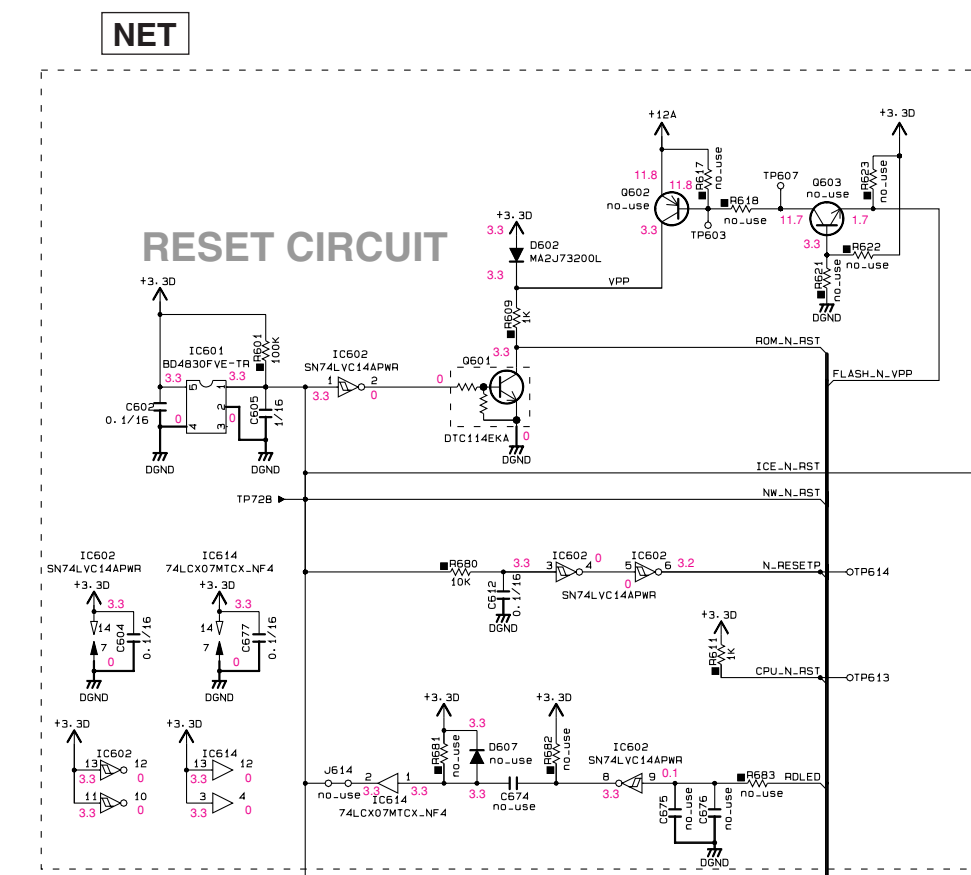
Ohm	0	+1.2k	+1.2k	+1.8k	+2.7k	+3.3k	+4.7k	+8.2k	+18.0k	+47.0k
Key0 (124pin/AN156)	0-0.26	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72
Key1 (123pin/AN157)	0	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72
Key2 (123pin/AN157)	0	0.27-0.75	0.76-1.22	1.23-1.76	1.77-2.28	2.29-2.75	2.76-3.24	3.25-3.75	3.76-4.25	4.26-4.72

* All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 * Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
 * Schematic diagram is subject to change without notice.

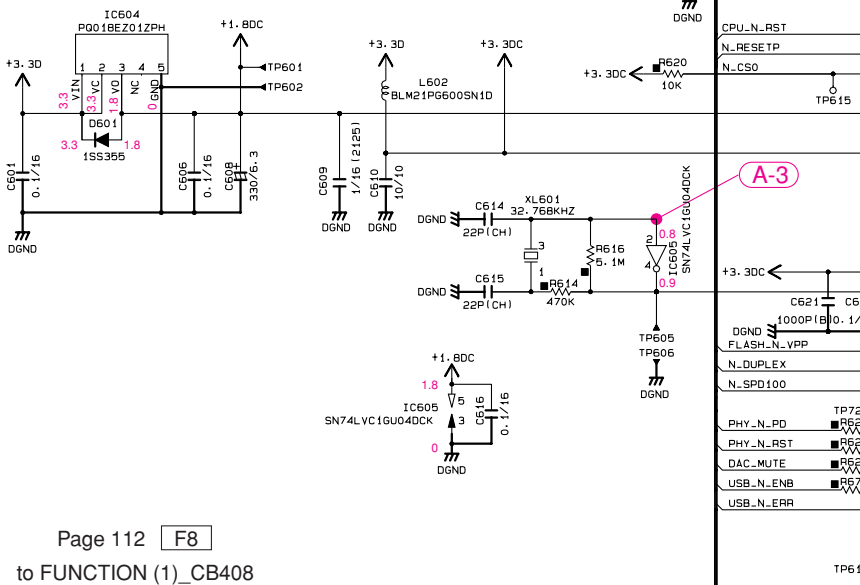
● 電圧は、内部抵抗10MΩの電圧計で測定したものです。
 ● 三角形のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
 ● 本回路図は標準回路図です。改良のため予告なく変更することがございます。



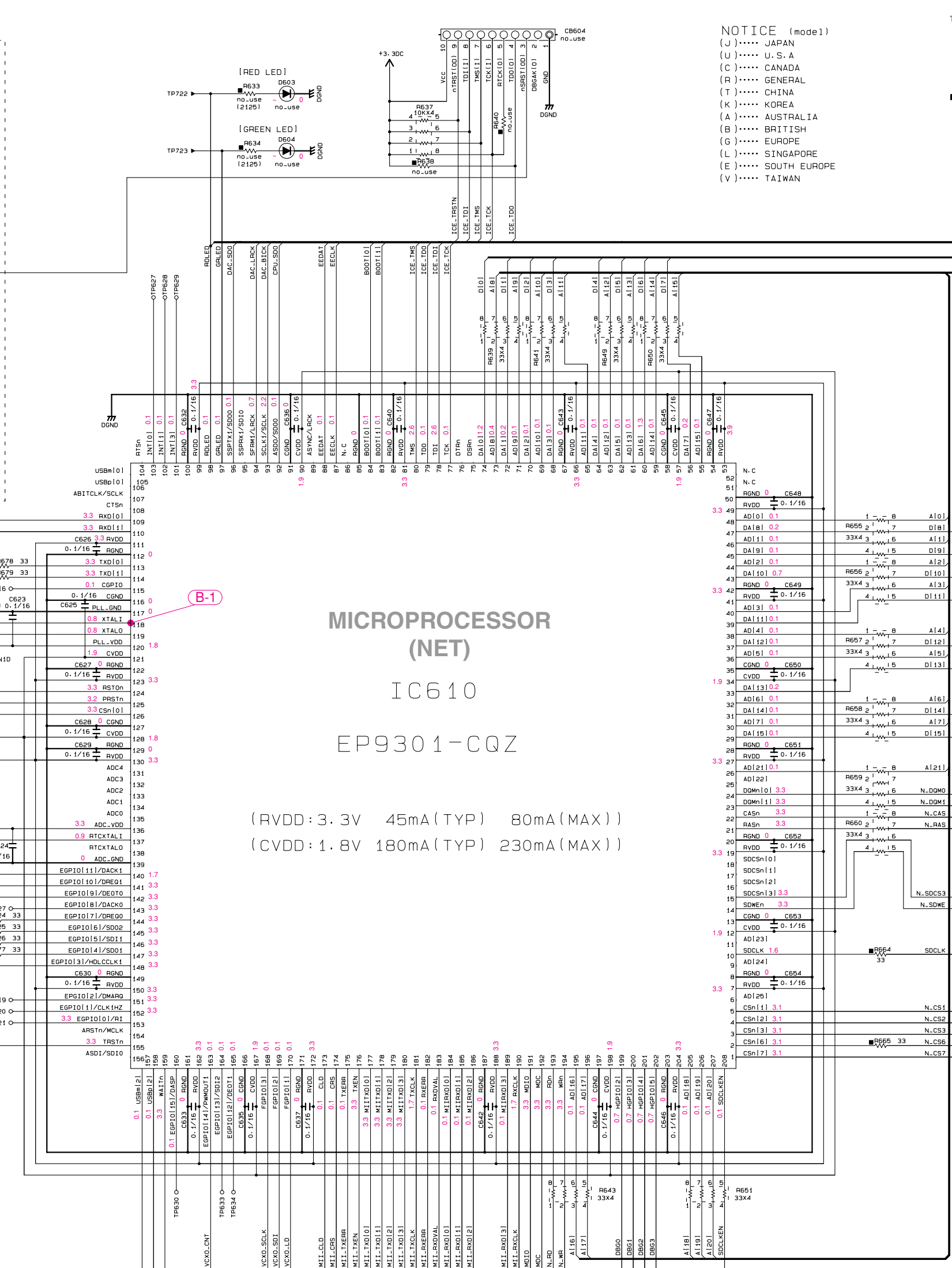
- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 点印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。



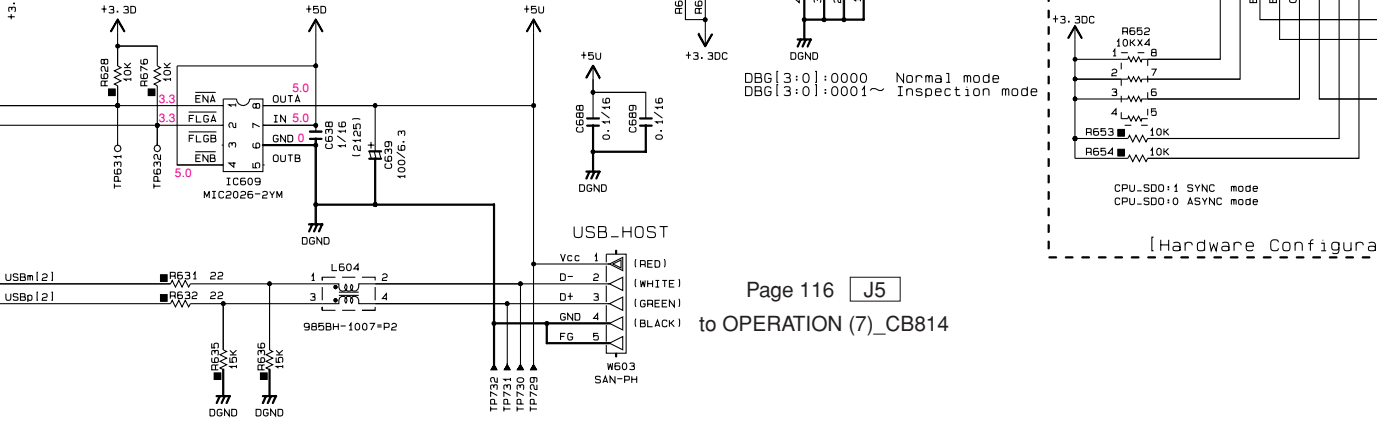
REGULATOR
[+3.3V, +1.8V for EP9301]



Page 112 [F8]
to FUNCTION (1), CB408

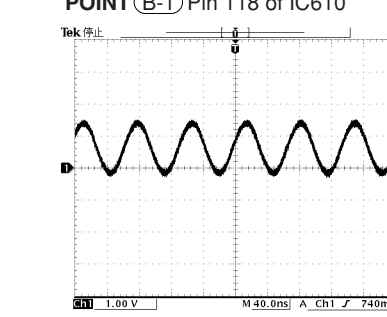
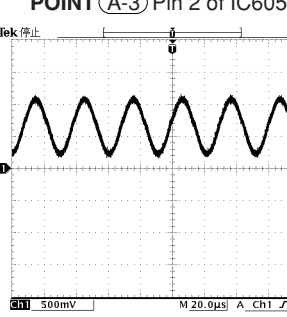


POWER DISTRIBUTION

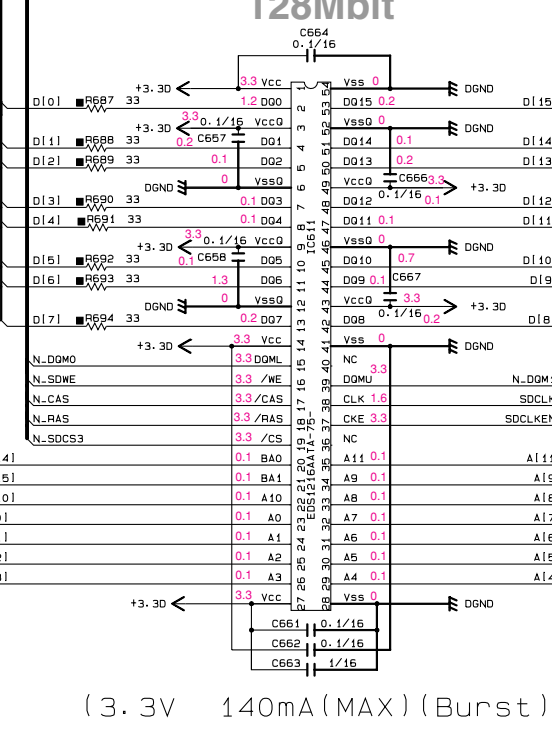


Page 116 [J5]
to OPERATION (7), CB814

NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(E)..... EUROPE
(L)..... SINGAPORE
(G)..... SOUTH EUROPE
(V)..... TAIWAN

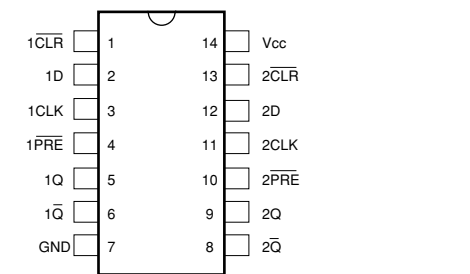


SDRAM 128Mbit

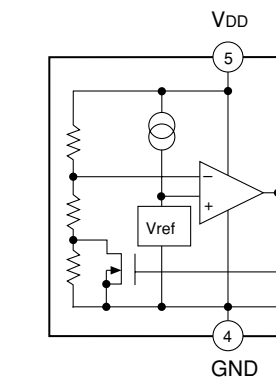


(3.3V 140mA(MAX) (Burst))

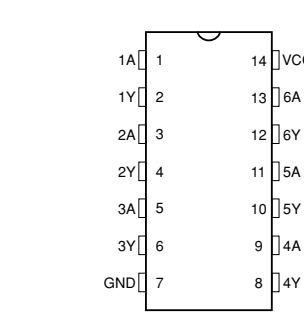
IC617: SN74LV74APWR
Dual positive edge triggered D-type flip flop



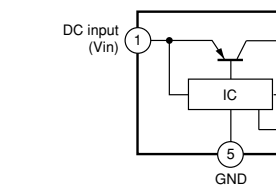
IC601: BD4830FVE-TR
Voltage detector IC



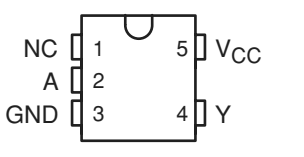
IC602: SN74LVC14APWR
Hex schmitt trigger inverter



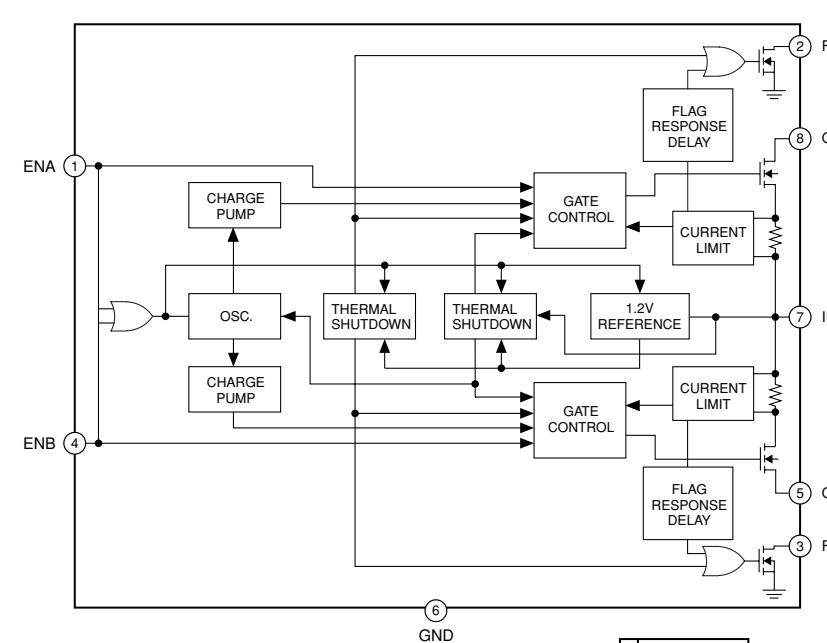
IC604: PQ018E201ZP
Voltage regulator



IC605: SN74LVC1GU04DCKR
Single inverter



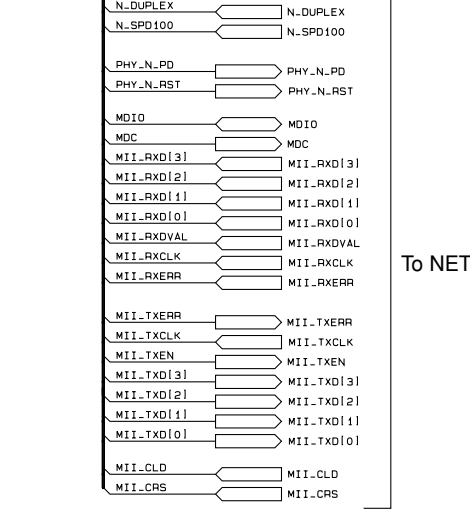
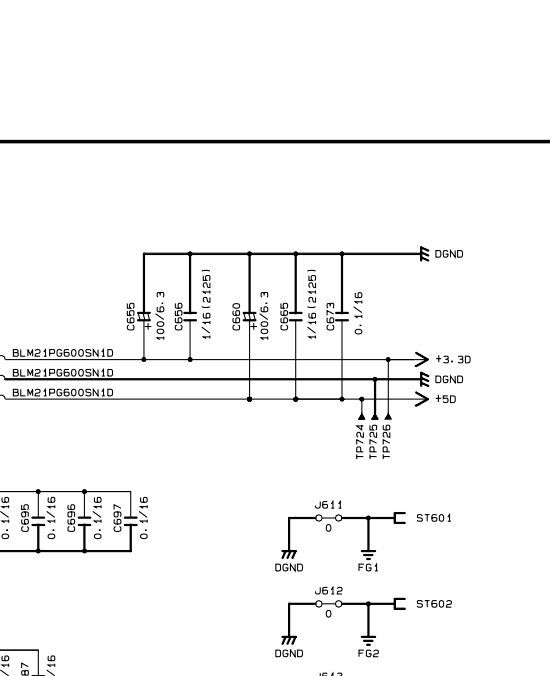
IC609: MIC2026-2BM
Dual channel power distribution switch



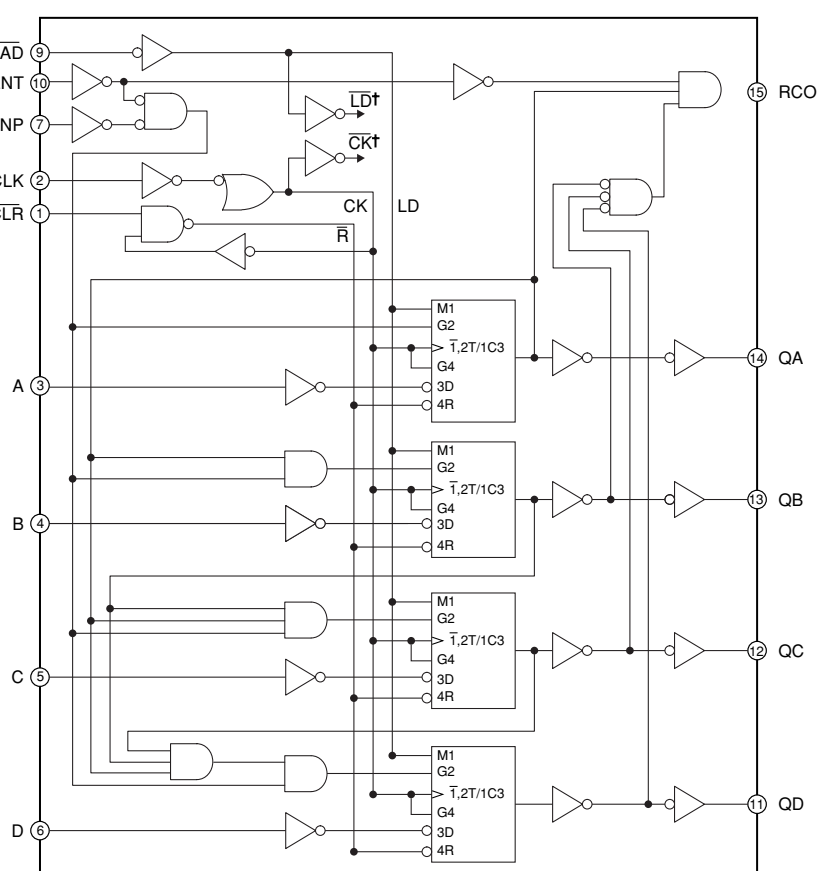
No replacement part available.
サービス部品供給なし
(3.3V 70mA(MAX))

Mark	Reference Parts Number	Parts Name
41	IC613	SN74LVC14APWR

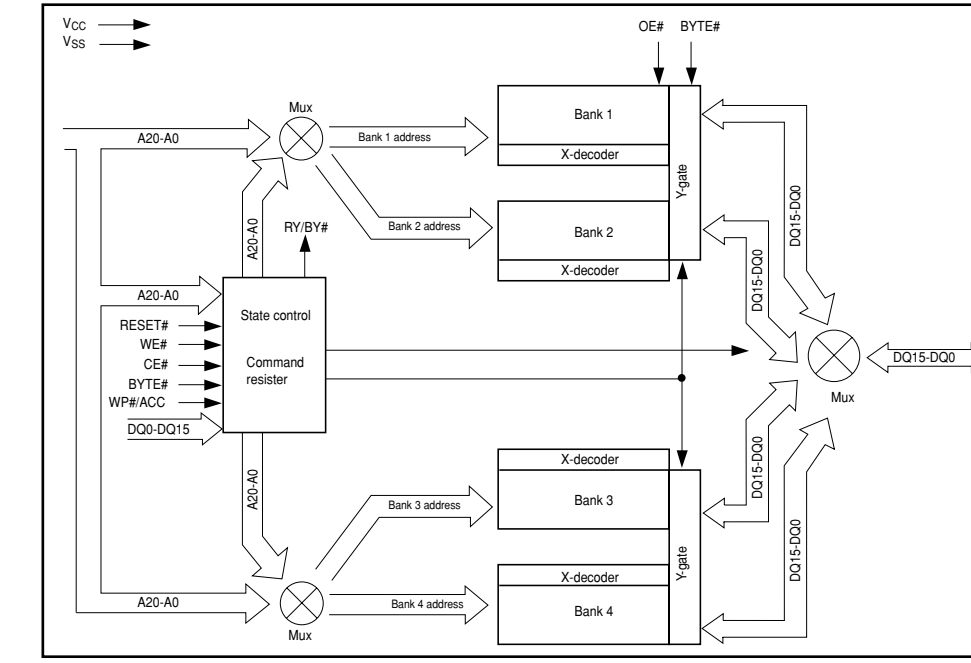
LOGIC FOR AUDIO CLOCK



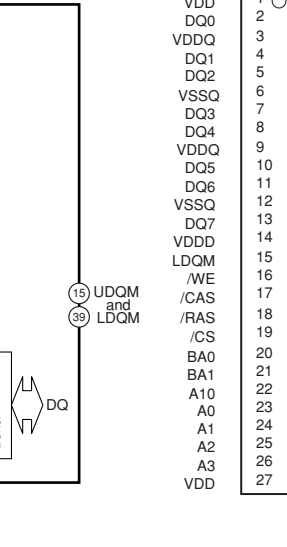
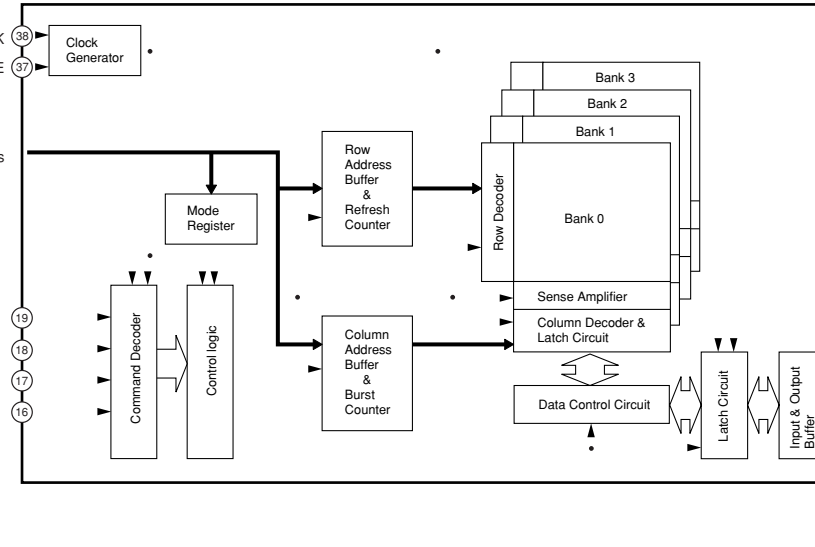
IC615, 616: SN74LV163APWR
4 bit synchronous binary counters



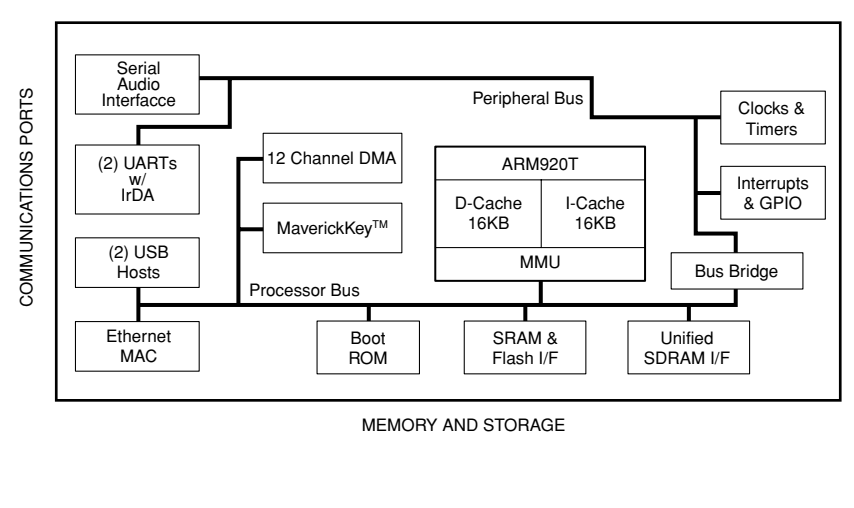
IC613: S29L032H70TFI020
32M bit cmos 3.0V simple power read/write simultaneously executed flash memory



IC611: EDS1216AATA-75-E
128M bit SDRAM



IC610: EP9301-CQZ
System on chip processor



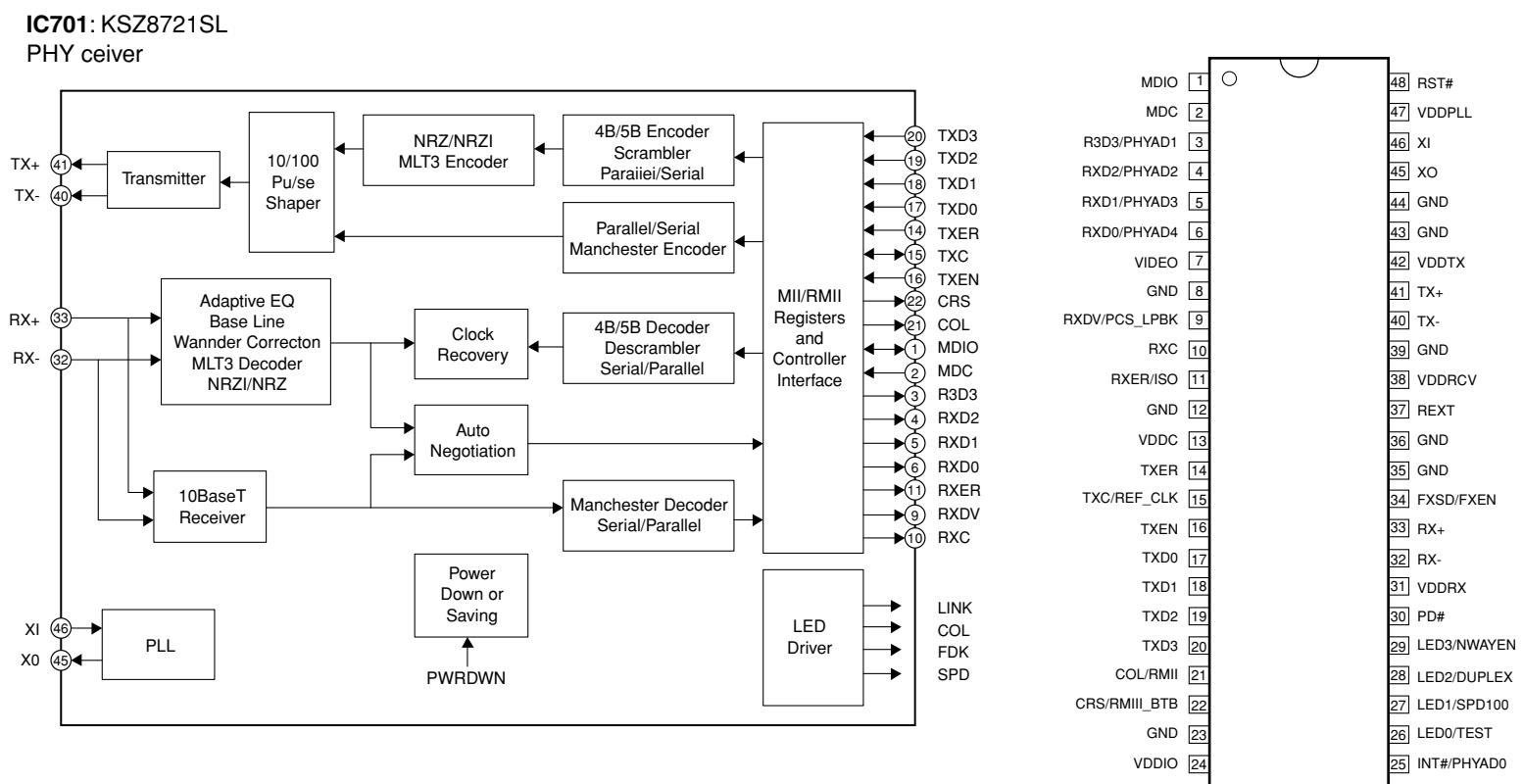
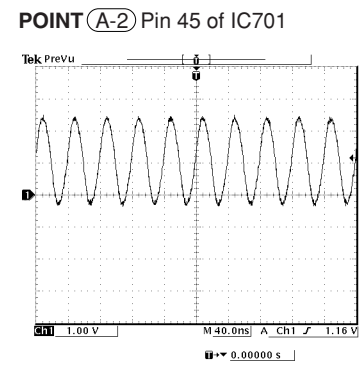
IC614: 74LCX07MTCX
Low voltage hex buffer with open drain outputs



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.

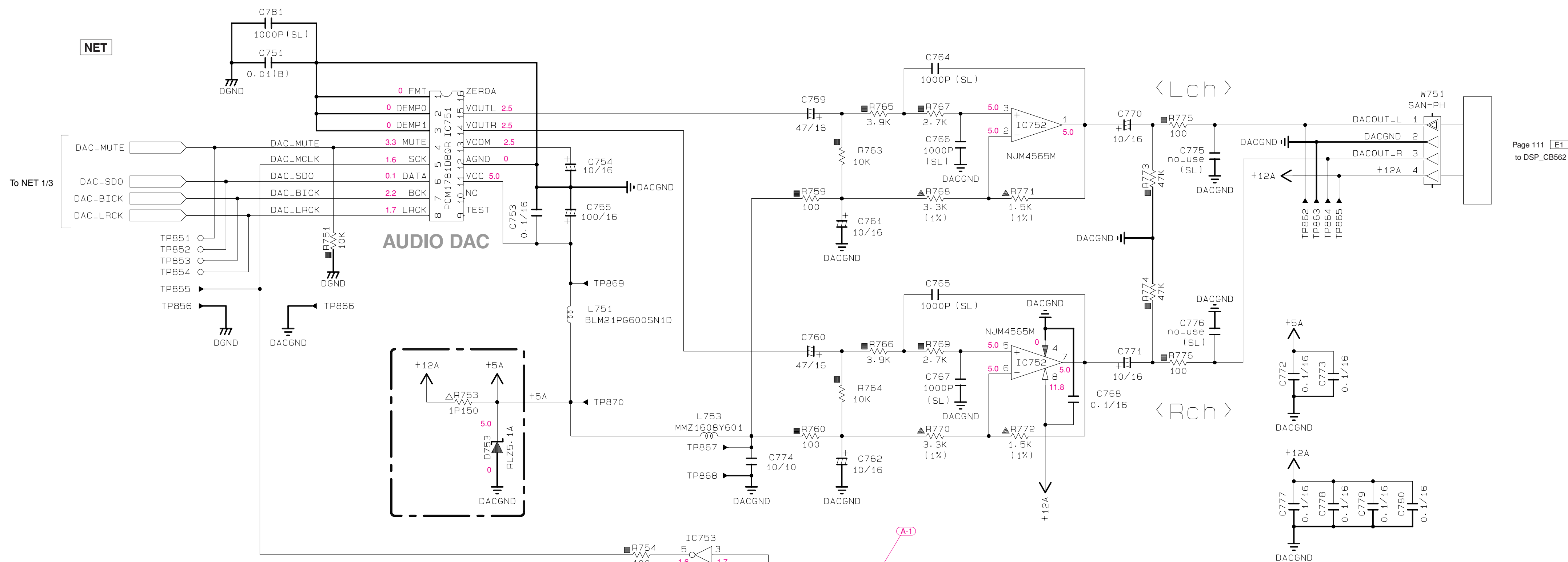
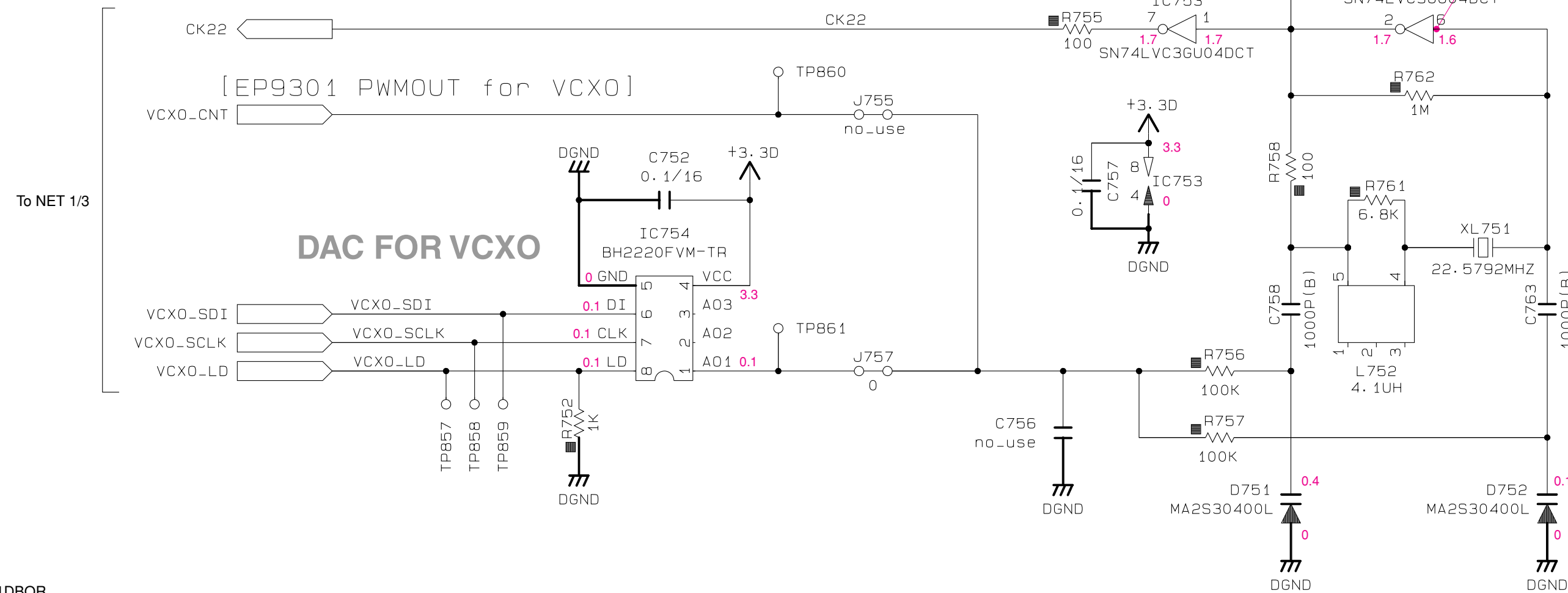
● 電圧は、内部抵抗10MΩの電圧計で測定したものです。
● 印のある部品は、安全確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
● 本回路図は標準回路図です。改良のため予告なく変更することがございます。

[PHYceiver Circuit]



- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。

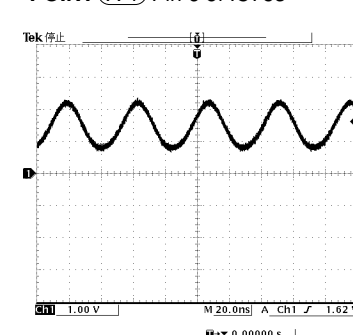
NET 3/3

Page 111 [E1]
to DSP_CB562

[VCXO]

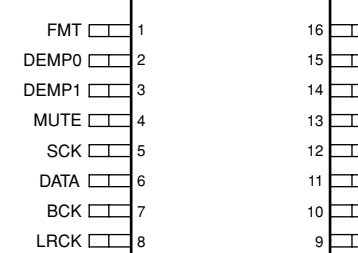
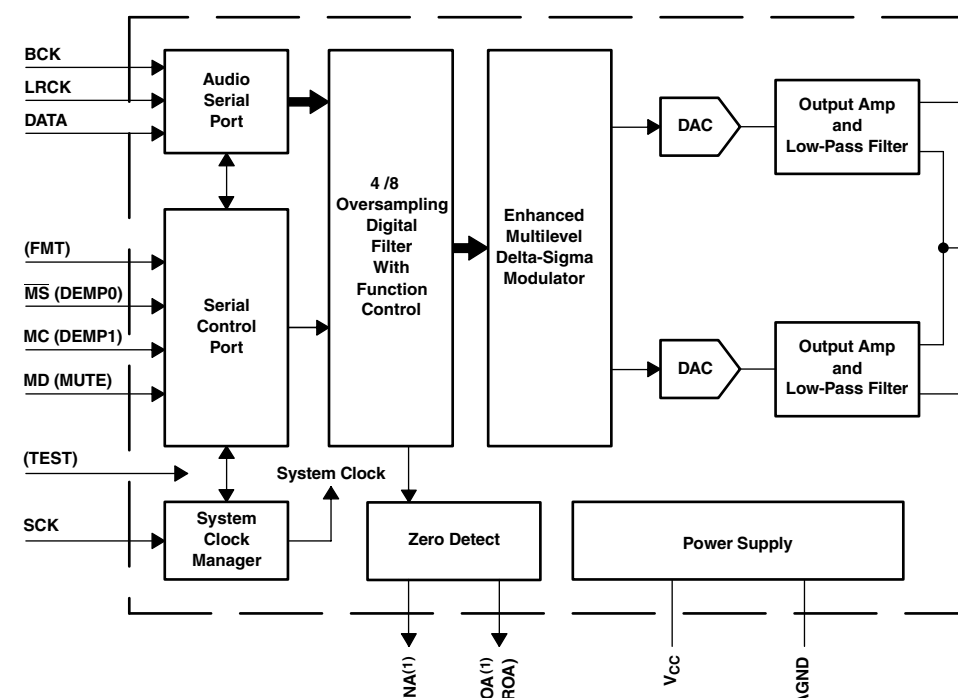
NOTICE (model1)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN

POINT (A-1) Pin 6 of IC753

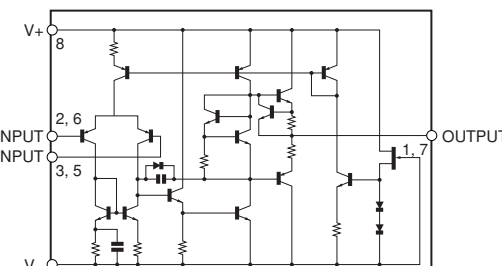


IC751: PCM1781DBQR
Audio digital-to-analog converter

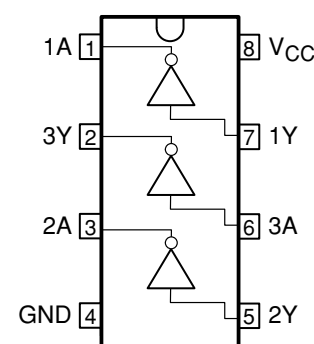
Functional Block Diagram



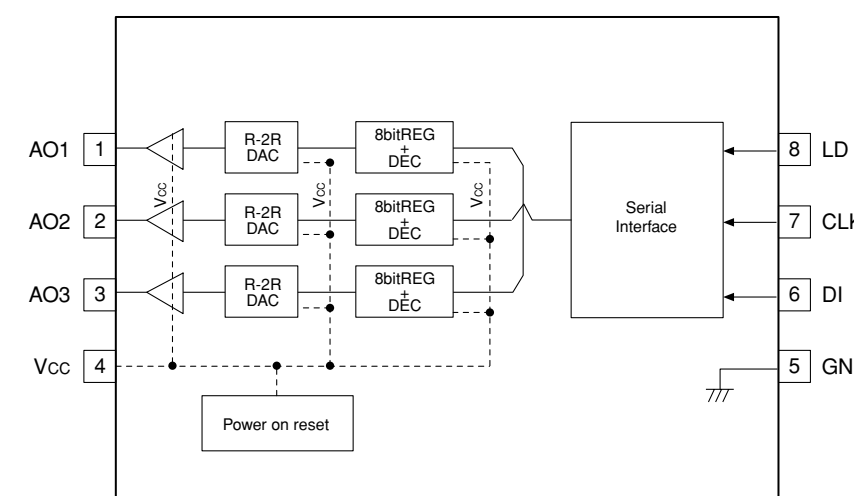
IC753: NJM4565M
Dual operational amplifier



IC753: SN74LVC3GU04DCTR
Triple inverter gate



IC754: BH2220FVM-TR
8bit 3ch D/A converter



- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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(1) Open-drain output for the PCM1782
NOTE: Signal names in parentheses () are for the PCM1781.