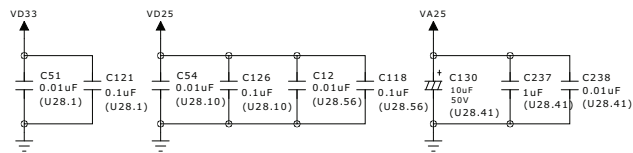
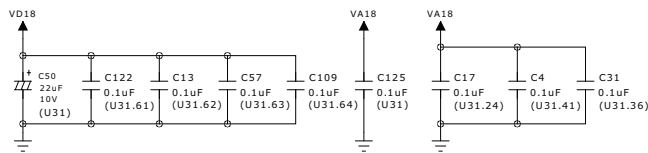


HDMI-3

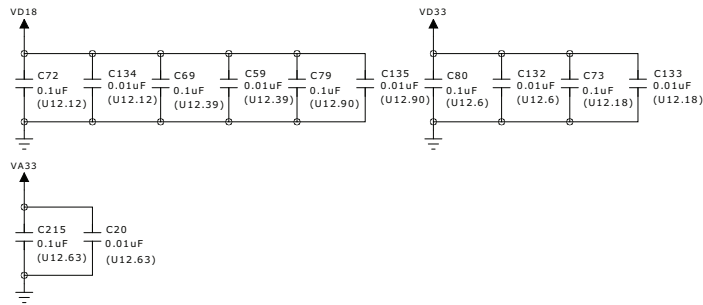
For U28 - ADV7320



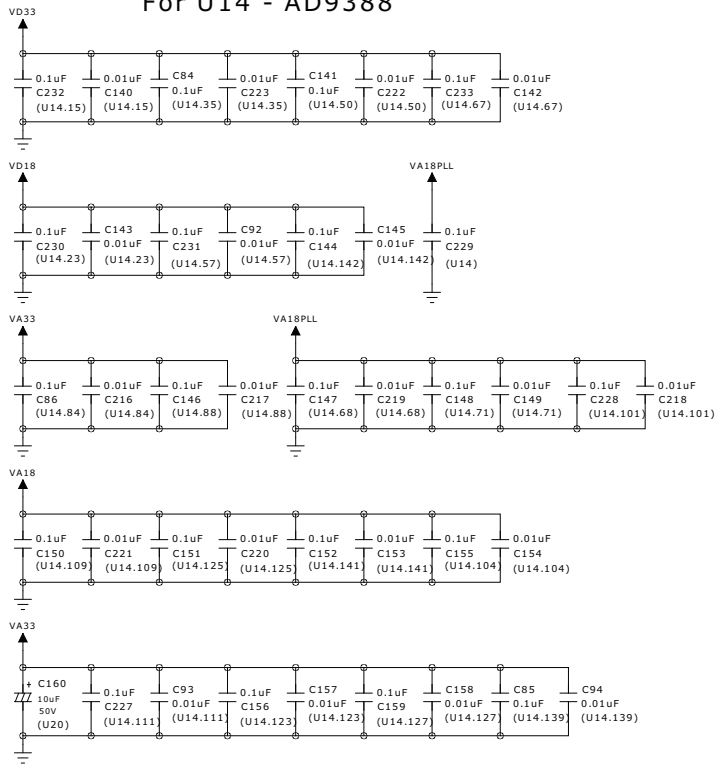
For U31 - AD9389



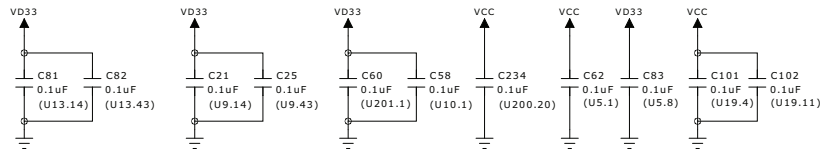
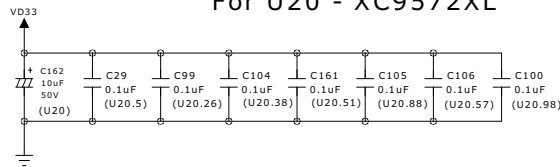
For U12 - ADV7403



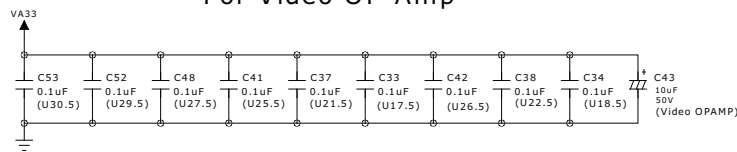
For U14 - AD9388



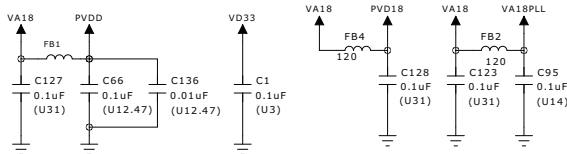
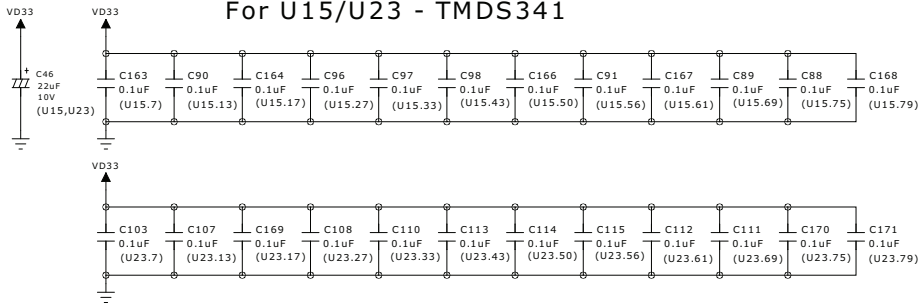
For U20 - XC9572XL



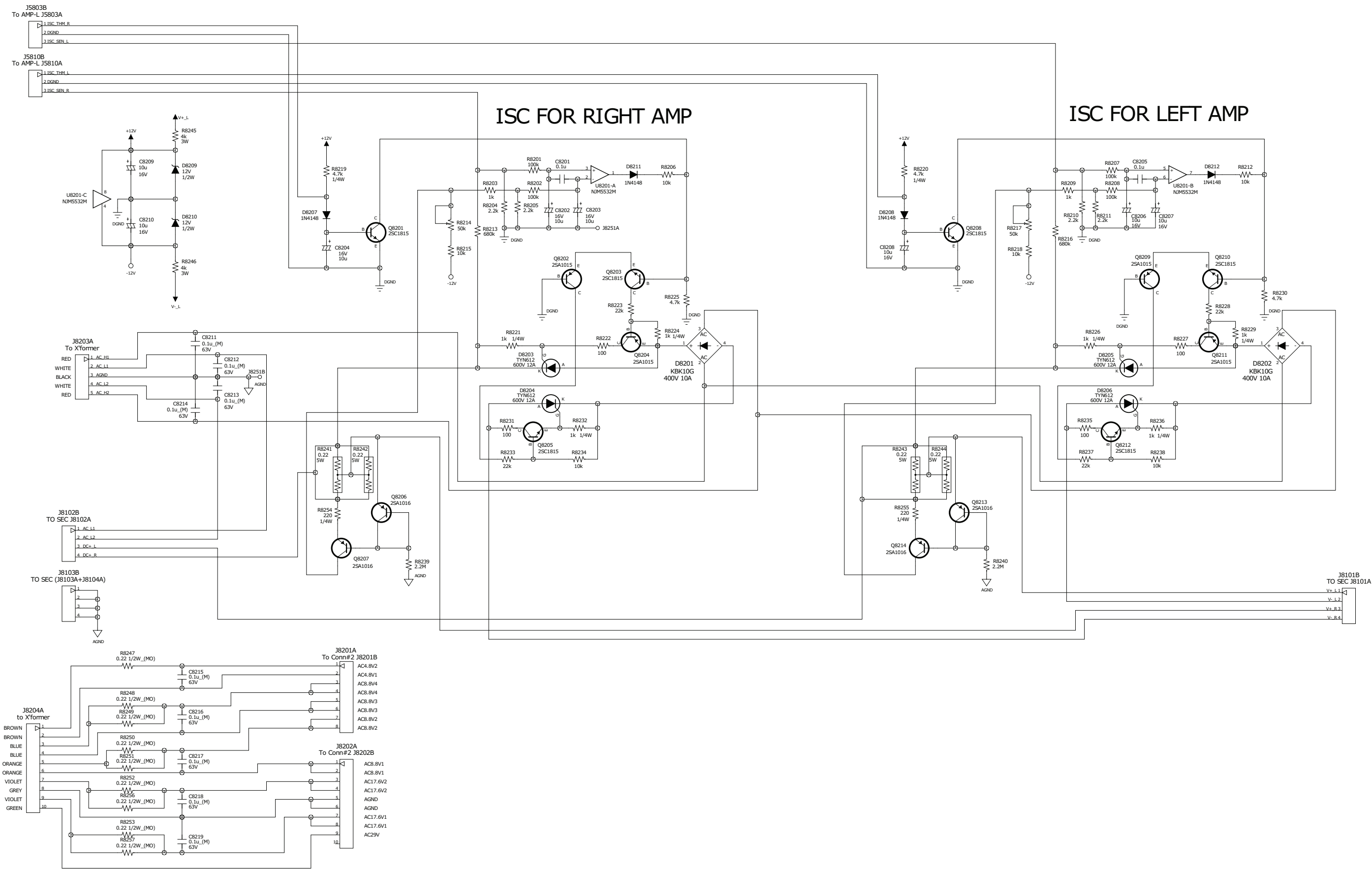
For Video OP-Amp



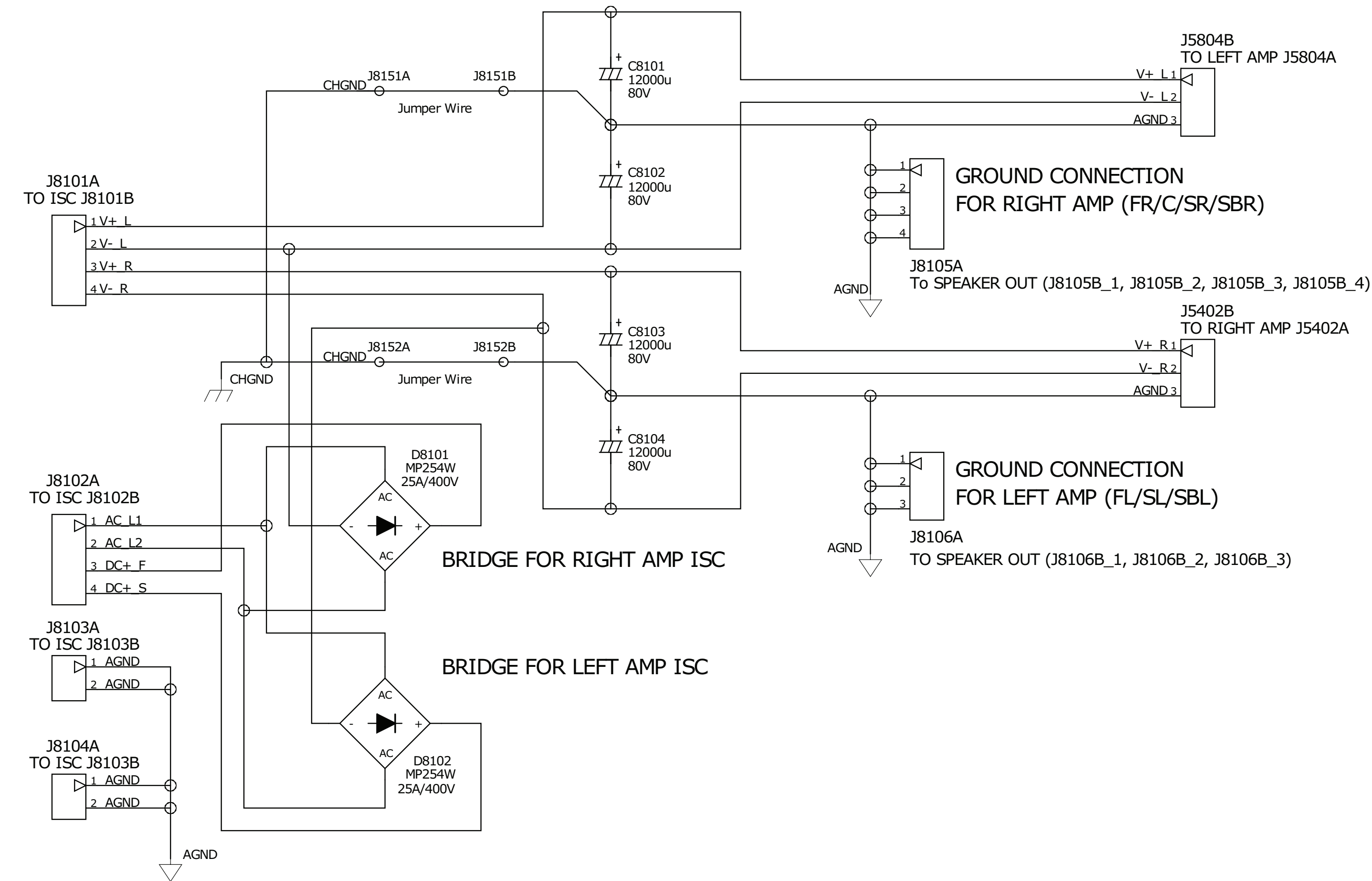
For U15/U23 - TMDS341



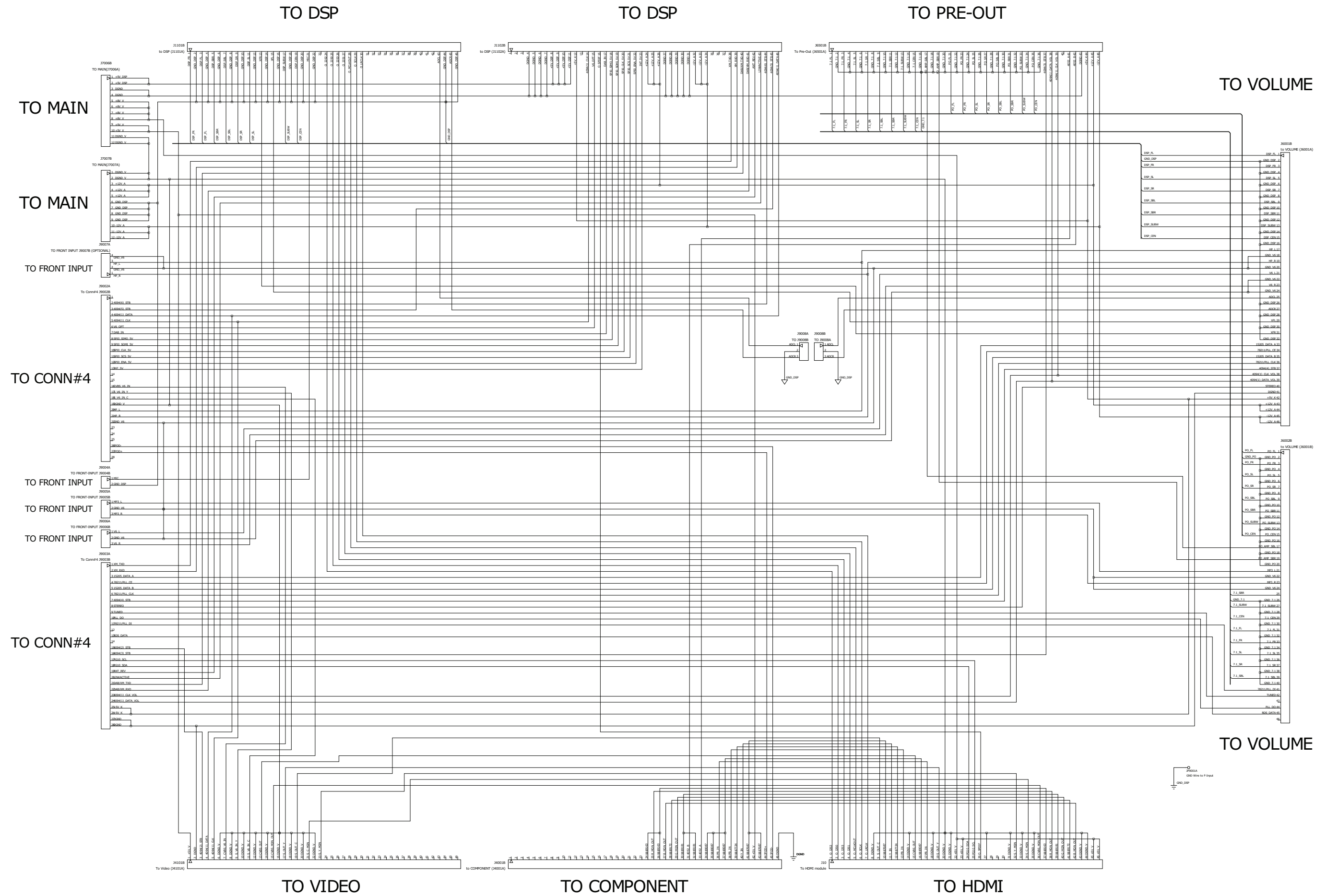
POWER SUPPLY(ISC)



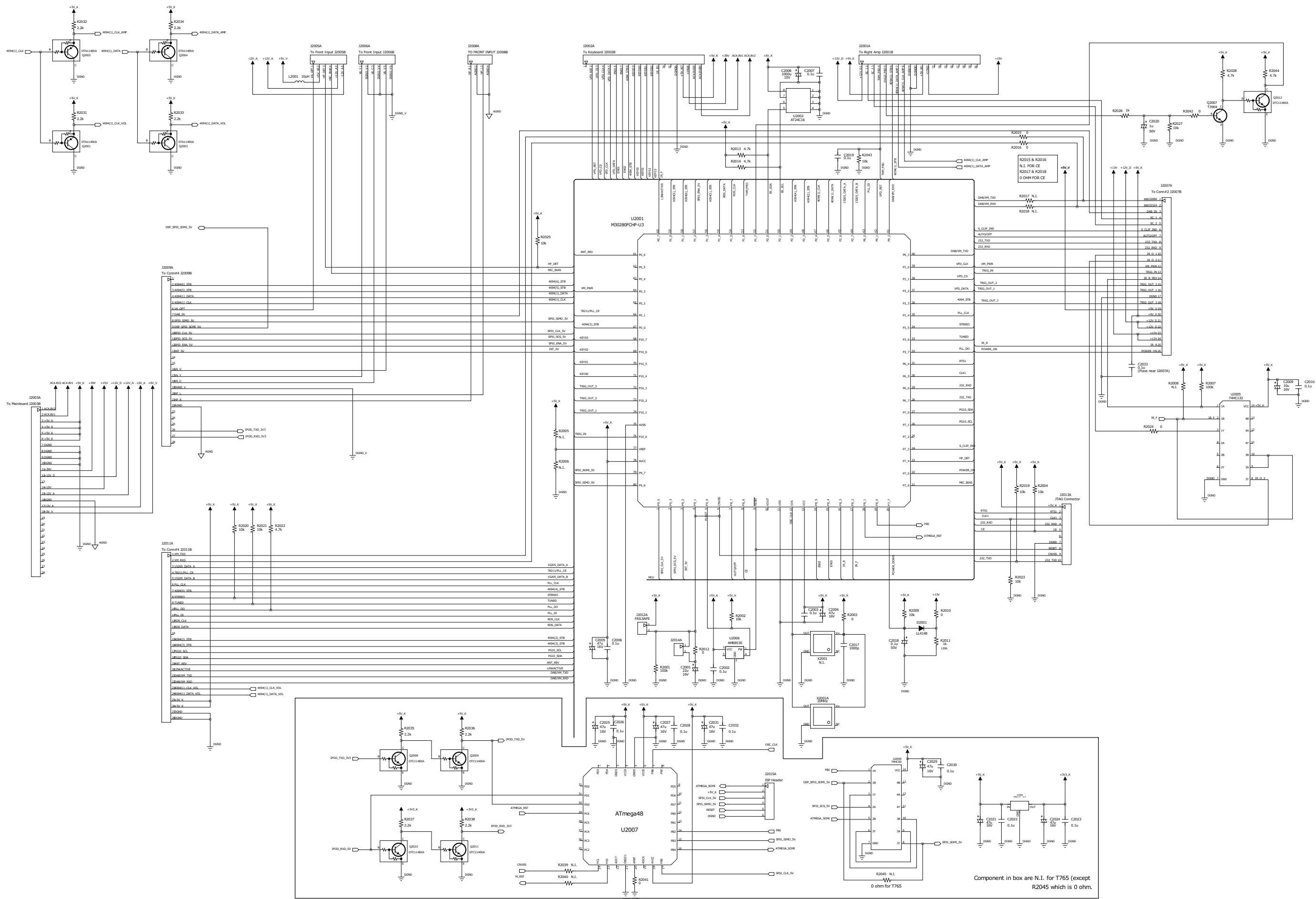
POWER SUPPLY(SECONDARY)



CONNECTOR-1



MCU



ELECTRICAL PARTS LIST

| | | |
|---|-----------------------|--|
| POWER AMP MODULE ***SEE PAGE 124 FOR SINGLE CHANNEL SERVICE KIT # 52-940-0765-90 | | |
| PCB ASSEMBLY | 50-940-0765-90 | T765/T775 PWR AMP MODULE |
| MAIN BOARD | | |
| PCB ASSEMBLY | 50-901-0765-90 | T765/T775/T785 AH MAIN ASSY |
| REGULATORS | | |
| U7001-7002 U7004 | 01-004-0048-00 | IC VOLT REG 5V 1A TO-220 NJM7805FA |
| U7003 U7005 | 01-004-0049-00 | IC VOLT REG 12V 1A TO-220 NJM7812 |
| U7006 | 01-004-0051-00 | IC VOLT REG TO-220F NJM7912 |
| U7007 | 01-004-0054-90 | IC REG 1A TO-220(T) LM317T |
| RESISTOR | | |
| R7006 | 02-004-0014-00 | RES FUSIBLE 0.22 OHM 10% 1/2W |
| CAPACITORS | | |
| C7002-7003 C7006 | 03-001-0060-00 | CAP CER 0.1uF 50V 20% Y5V |
| C7009-7010 C7015-7016 | | |
| C7018 C7021 C7023-7024 | | |
| C7027-7028 C7030 C7033 | | |
| C7005 C7011 C7017 C7020 | 03-002-0066-00 | CAP ELEC KM 1000uF 25V 20% 105C |
| C7026 C7031 | | |
| C7022 C7025 C7019 C7032 | 03-002-0151-00 | CAP ELEC 2200uF 25V 20% 105C |
| C7007 | 03-002-0153-00 | CAP ELECT 330uF 50V 20% 85C |
| C7001 C7004 | 03-002-0160-00 | CAP ELEC SK 6800uF 35V 20% 105C |
| C7008 C7029 | 03-002-0168-00 | CAP ELEC SK 4700uF 25V 20% 105C |
| DIODES | | |
| D7004 D7006 | 04-001-0003-00 | Diode 1N4007 DO-41 1A/1000V |
| D7003 | 04-005-0020-90 | DIODE BRI 4A/70V RS402L |
| D7001-7002 | 04-005-0022-90 | DIODE BRI 6A/600V RS605 |
| RESISTORS | | |
| R7001 | 02-001-0442-00 | RES CF 33K OHM 5% 1/6W |
| R7002 | 02-002-0129-00 | RES MF 1K OHM 1% 1/6W |
| R7003 | 02-002-0134-00 | RES MF 3.3K OHM 1% 1/6W |
| JUMPERS | | |
| JMP7 JMP9 JMP11 JMP13-17 JMP19-21 | 17-016-0077-00 | Jumper wire Dia. 0.5mm L=52.0mm |
| JMP23 JMP25 JMP31 JMP33 JMP35 | | |
| D7005 JMP1-4 JMP6 JMP8 JMP10 | 17-016-0080-90 | Jumper Wire Dia. 0.5mm For L Smaller than 14mm |
| JMP12 JMP18 JMP22 JMP24 JMP26-28 | | |
| JMP32 JMP34 JMP36 | | |
| PSU BOARD | | |
| PCB ASSEMBLY *AH | 50-903-0775-90 | T775 AH PSU ASSY |
| PCB ASSEMBLY *C CT | 50-904-0775-90 | T775 C/CT PSU ASSY |
| RESISTORS | | |
| R8005*AH | 02-001-0451-00 | RES CONDUCTIVE PATH 3.9M OHM 1/2W 5% 250V |
| R8003 | 02-004-0014-00 | RES FUSIBLE 0.22 OHM 10% 1/2W |

| | | |
|--|----------------|---|
| NTC | | |
| R8006 | 02-004-0016-90 | NTC SL32-1R030 30A/265V |
| CAPACITORS | | |
| C8002 | 03-002-0148-00 | CAP ELEC SS 4.7uF 50V 20% 85C |
| C8001 | 03-004-0115-00 | CAP MpF 0.001uF 63V 5% DMF 5 SERIES |
| C8006 | 03-007-0014-00 | HC CER CAP 0.01uF/250VAC ±20% UL/CSA/VDE |
| DIODES | | |
| D8001-8006 | 04-001-0003-00 | Diode 1N4007 DO-41 1A/1000V |
| TRANSISTORS | | |
| Q8001 | 05-001-0072-00 | Transistor SS NPN HEF 100 200MHs TO-92 C1815Y |
| RELAYS | | |
| M8002*AH | 07-005-0056-90 | RELAY POWER DC 12V 20A 220VAC ME-14FW-012-HTS(AgSno) UL/CUL |
| M8002*C CT | 07-005-0044-90 | RELAY MINIATURE 12VDC/10A 1P1T TV-5 SDT-SS-112DM S/CSA/UL |
| STANDBY-TRANSFORMER | | |
| T8001 | 10-005-0186-90 | Transformer PW EL-35 100V/220V T05382B |
| FUSES | | |
| F8002*C CT | 20-001-0069-90 | FUSE TIME-LAG 800mA 250V 5x20mm TSD UL/CSA/VDE/CCC |
| F8001*C CT | 20-001-0072-90 | FUSE TIME-LAG 6.3A 250V 5X20mm TSD UL/CSA/VDE/CCC |
| F8002*AH | 20-001-0076-90 | FUSE TIME LAG 1.6A 250V 5x20mm TSD UL/CSA/VDE/SEMKO |
| F8001*AH | 20-001-0078-90 | FUSE TIME-LAG 10A/250V 5X20mm UL/CSA 5T |
| FH8001 FH8002 | 20-002-0030-90 | FUES CLIP 5.2X20mm WL-210A 10A 250V |
| JUMPERS | | |
| JMP1 JMP2 JMP4-5 | 17-016-0077-00 | Jumper wire Dia. 0.5mm L=52.0mm |
| JMP3 JP8001*C CT JP8002*AH R8006 | 17-016-0080-90 | Jumper Wire Dia. 0.5mm For L Smaller than 14mm |
| RIGHT POWER AMP BOARD ***SEE PAGE 124 FOR SINGLE CHANNEL SERVICE KIT # 52-940-0765-90 | | |
| PCB ASSEMBLY | NSP | T765 Right Amp Board Assembly NSP |
| IC & REGULATOR | | |
| U5403 | 01-004-0049-00 | IC VOLT REG 12V 1A TO-220 NJM7812 |
| U5402 | 01-020-0026-90 | IC LM35DT TEMP SENSOR TO-220 |
| RESISTORS | | |
| R5028 R5030 R5128 R5130 | 02-005-0063-00 | RES WW 0.22 OHM 5% 5W AXIAL |
| R5228 R5230 R5328 R5330 | | |
| R5036 R5136 R5236 R5336 | 02-010-0014-00 | RES MO 10 OHM 5% 2W AXIAL |

CAPACITORS

| | | |
|-------------------------|----------------|------------------------------|
| C5018 C5118 C5218 C5318 | 03-004-0031-00 | MPF CAP 104J/63V 5% Mini Box |
|-------------------------|----------------|------------------------------|

TRANSISTORS

| | | |
|-------------------------|----------------|---|
| Q5018 Q5118 Q5218 Q5318 | 05-001-0100-90 | TRANSISTOR PW DARLINGTON PNP 10A/150V TO-3PB 2SB1560 |
| Q5017 Q5117 Q5217 Q5317 | 05-001-0101-90 | TRANSISTOR PW DARLINGTON NPN 10A/150V TO-3PB 2SD2390 |

VARIABLE RESISTORS

| | | |
|-------------------------|----------------|--|
| R5021 R5121 R5221 R5321 | 06-004-0016-90 | VR SEMI-FIX RES CF 1K OHM B 30% 6mm |
|-------------------------|----------------|--|

COILS

| | | |
|-------------------------|----------------|--|
| L5001 L5101 L5201 L5301 | 07-002-0136-90 | AIR COIL 0.2uH 10% 1 X 9 X 13.5 TURNS |
|-------------------------|----------------|--|

RELAYS

| | | |
|------------|----------------|---|
| M5401-5405 | 07-005-0043-90 | RELAY POWER DC12V 10A/250V 1P1T TV5 UL/SEMKO/CQC JZC-36F-012-HSL |
|------------|----------------|---|

THERMISTORS

| | | |
|-------------|----------------|--|
| M5406 M5407 | 20-004-0039-00 | THERMISTOR PTC 100 OHM PTFM04BH471Q2N34B0 |
|-------------|----------------|--|

SMD ICS

| | | |
|-------|----------------|--|
| U5401 | 01-014-0043-00 | SMD IC AS358MTR-E1 SOIC-8 OPERATIONAL AMPLIFIER BCD |
|-------|----------------|--|

SMD RESISTORS

| | | |
|------------------------------------|----------------|------------------------------------|
| R5006 R5106 R5206 R5306 R5409 | 02-007-0026-00 | RES SMD 47K OHM 5% 1/10W 0805 |
| R5408 | 02-007-0028-00 | RES SMD 4.7K OHM 5% 1/10W 0805 |
| R5402-5403 R5416 R5419 R5424 R5426 | 02-007-0033-00 | RES SMD 1.2K OHM 5% 1/10W 0805 |
| R5019 R5119 R5219 R5319 | 02-007-0035-00 | RES SMD 2K OHM +/-5% 1/10W 0805 |
| R5037 R5137 R5237 R5337 | 02-007-0037-00 | RES SMD 180K OHM 5% 1/10W 0805 |
| R5414 | 02-007-0046-00 | RES SMD 6.8K OHM 0805 5% |
| R5401 R5404 | 02-007-0047-00 | RES SMD 18K OHM 5% 1/10W 0805 |
| R5010 R5013 R5110 R5113 | 02-007-0073-00 | RES SMD 470 OHM 1/8W 0805 5% |
| R5210 R5213 R5310 R5313 | | |
| R5421 | 02-007-0084-00 | RES SMD 47.5K OHM 1% 1/10W 0805 |
| R5003 R5015 R5031 R5103 R5115 | 02-007-0087-00 | RES SMD 10K OHM 1/8W 0805 1% |
| R5131 R5203 R5215 R5231 R5303 | | |
| R5315 R5331 R5413 R5422 | | |
| R5033 R5133 R5233 R5333 | 02-007-0088-00 | RES SMD 2.2K OHM 0805 5% |
| R5423 | 02-007-0126-00 | RES SMD 820 OHM +/-5% 1/10W 0805 |
| R5032 R5132 R5232 R5332 | 02-007-0166-00 | RES SMD 330K OHM 0805 5% |
| R5415 | 02-007-0172-00 | RES SMD 13K OHM 5% 1/10W 0805 |
| R5005 R5009 R5020 R5105 R5109 | 02-007-0177-00 | RES SMD 1K OHM 0805 1% |
| R5120 R5205 R5209 R5220 R5305 | | |
| R5309 R5320 R5410 R5412 R5420 | | |
| R5425 | 02-007-0227-00 | RES SMD 22.1K OHM +/-1% 1/10W 0805 |
| R5038 R5138 R5238 R5338 | 02-007-0258-00 | RES SMD 15K OHM 1/10W 1% 0805 |
| R5001 R5101 R5201 R5301 | 02-007-0308-00 | RES SMD 100K OHM 5% 1/4W 1206 |
| R5008 R5108 R5208 R5308 | 02-007-0316-00 | RES SMD 270 OHM 5% 1/4W 1206 |
| R5004 R5104 R5204 R5304 | 02-007-0318-00 | RES SMD 27K OHM 5% 1/4W 1206 |
| R5035 R5135 R5235 R5335 | 02-007-0323-00 | RES SMD 3.3 OHM 5% 1W 2512 |
| R5012 R5112 R5212 R5312 | 02-007-0324-00 | RES SMD 360 OHM 5% 1/4W 1206 |