DWG.No AS10-61-02

CON204 — CH3 GRND REV3 GRND GRND AUX_L AUX_R

JS200 — T R S — S2-PC STEREOP

L200 CM08RB — LINK

EARTH

C206 DS306 — C207 DS306

R203 1K — C209 100V 2u2 — R204 10M

D202 BZX55B 6v8 — D203 BZX55B 6v8

C210 50V 22p

IC200a TL072

R206 56K — C200 47p 50V

R205 1K8 — C211 2u2 100V — R260 10K — R258 10M — R259 10K

GRND

GAIN — SW200c TOP=a/b BOTTOM=c/d WIPER OUT IN — R201 2K7 — R202 560R

EARTH — C208 22u 50V — VR200 B5K — GRND — VOLUME

VR201 BASS — B10K

R263 1K6 — C237 22p — IC202b TL072 — C214 2u2 16V — R208 1K6 — GRND

TREBLE — B10K VR204 — C255 63V 4n7 — R269 3K3 — GRND

C234 50V 22p — IC202a TL072

R222 10K — C215 22p 50V

C236 100V 1u

R266 47K — R265 47K — R264 10K — C218 50V 22p — IC203a TL072

PHASE — SW200a TOP=a/b BOTTOM=c/d WIPER OUT IN

R262 10K — R207 10K — C212 50V 22p — IC200b TL072 — CH1

R261 10K — GRND

MID — B20K VR202 — C254 63V 10n

R286 10K — VR203a — VR203b — C219 63V 4n7

C100K C100K — R226 10K

FREQ

C220 50V 22p — IC203b TL072

R223 22K 1% — R225 68K 1%

R227 27K 1% — R224 12K 1%

GRND

R232 47K — C224 47p 50V — IC201a TL072

R213 47K — R212 47K — C225 22p 50V — C202 220n

CH1 CH2

C256 63V 47n — R287 22K — VR205a — VR205b — C226 63V 15n — R272 22K — C100K C100K

C230 63V 27n — R278 10K — VR206a — VR206b — C242 63V 22n — R277 10K — C100K C100K

SW202a TOP=a/b BOTTOM=c/d WIPER OUT IN — MIX1&2

SW202c TOP=a/b BOTTOM=c/d WIPER OUT IN — REV1&2

EXT1&2

CON201 — LINK GRND CH2 +15 -15

IC205a TL072 — C240 50V 22p — R273 22K 1% — R271 100K 1% — R274 27K 1% — R270 5K6 1% — GRND

IC205b TL072 — C243 50V 22p — R233 82K 1% — R276 7K5 1% — R231 5K6 1% — R275 12K 1% — GRND

SW201a IN OUT WIPER BOTTOM=c/d TOP=a/b — DEPTH

SW201a IN OUT WIPER BOTTOM=c/d TOP=a/b — ON

SWEEP 2

GRND — C232 C250 C228 C217 C216 C201 C203 C221 100n 63V

C238 C235 C213 C251 C241 C247 100n 63V

IC206c IC200c IC201c IC202c IC203c IC204c IC207c IC205c LM13600 TL072 — -15

+15 — R236 33R 1W — REG200 7805 — +5V

C244 22u 25V — C257 22u 25V — GRND

| ISS | ECO NUMBER | DATE |
|---|---|---|
| 5 | 1868 | 19-4-00 |
| 4 | REF AS100 CHANGES#7 DOC | 13-3-00 |
| 3 | REF AS100 CHANGES#7 DOC | |
| 2 | CAP C206 ADDED | 2-12-99 |

ALL OTHER HOLES = X = (THROUGH PLATED)

A B C D E F G H J K L M N P Q R

MATERIAL — MATERIAL THICKNESS — DRAWN A.G. DATE 22-4-99 — CHECKED DATE — APPROVED DATE

DIMENSIONS IN — TOLERANCE (UNLESS UTHERWISE STATED)

MODEL AS100D

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DENBIGH ROAD, BLETCHLEY, MILTON KEYNES, MK1 1DQ.
TEL (01908) 375411 FAX (01908) 376118

TITLE PREAMP SHT 1 OF 2

DWG.No AS10-61-02 ISS 5

ignorelayers 4

DWG.No. AS10-61-02

REV3 REV1&2

R234 56K R235 56K

R214 50V 18K 47p C229

IC201b TL072 GRND

C227 50V 22p GRND

R215 100R

BEAD L203 +5V

BEAD L201 GRND

BEAD L202

SW203 BTDS20 D00 2 D01 6 D02 5 D03 1

C1 3 C2 7 GRND

CON200

C258 100V 2u2

R279 1k R282 1k

C259 100V 2u2

R280 1Meg R281 1Meg

T201 J174 T202 J174 D S G

GRND F/S

C249 63V 22n

B100k VR208a VR208b

+5V R217 3K3

C248 63V 22n

B100k

3K3 R289

VR207 B10K

C260 10u 50V

GRND ADJUST

CH3

MIX1&2

C261 47n 63V

R283 6K8 R248 6K8 R249 68k

RET

AUX R250 47K R251 68k

R284 68k DI

22p 50V C233

IC207a TL072

R285 470R

1u 100V C263

GRND B5K VR209a

+15

R240 4K7 R247 15K

IC206a LM13600

R244 4k7

C246 50V 100p

R219 100R R218 100R

C205 50V 100p

BC212 T200

R216 1k R238 100k

R239 1k5 C204 63V 4u7

GRND

1N4148 D200

R228 10meg R220 2.2k

-15 OUT

R229 100K R211 36k R230 18k

C222 100p 50V

R267 18k R268 18k

D204 1N4148

C223 22p 50V

D201 1N4148

IC204a TL072

IC204b TL072

R210 4.7k R209 4.7k

C239 22p 50V R221 2.2k

GRND

R252 68k DI_R

22p 50V C252

IC207b TL072

R257 470R

1u 100V C253

B5K VR209b OUT_R

R253 68k AUX_R R255 47K R256 68k

R246 4K7 R243 15K

IC206b LM13600

RET_R R254 6k8 R288 6K8

R242 4K7

47n 63V C262

C245 50V 100p

R241 100R R245 100R

C231 50V 100p

GRND

CON203

GRND
OUT_⊥
OUT_R
RET_R
RET_⊥
EXT1&2
GRND

CON202

GRND
DI_R
DI_⊥
F/S
GRND
+15
-15

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 1868 | 19-4-00 | ALL OTHER HOLES = | | | | X = (THROUGH PLATED) | | | | | | | | | | | | | | | | |
| 4 | REF AS100 CHANGES#7 DOC | 13-3-00 | A | | | E | | | J | | | N | | | | | | | | | | | |
| 3 | REF AS100 CHANGES#7 DOC | | B | | | F | | | K | | | P | | | | | | | | | | | |
| 2 | CAP C206 ADDED | 2-12-99 | C | | | G | | | L | | | Q | | | | | | | | | | | |
| ISS | ECO NUMBER | DATE | D | | | H | | | M | | | R | | | | | | | | | | | |

MATERIAL

MATERIAL THICKNESS

DRAWN L.V. DATE 24/7/98

CHECKED DATE

APPROVED DATE

DIMENSIONS IN

TOLERANCE (UNLESS UTHERWISE STATED)

MODEL AS100D

Marshall

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TITLE PREAMP

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DWG.No AS10-61-02 ISS 5