LED MATRIX

SWITCH MATRIX

P101 METRO U101

P101 METACC U101

FINAL METRO VR103 10K LIN

MASTER VOLUME VR104 10K LIN

P102

INSTRUMENT VOLUME VR101 10K

INSTRUMENT TUNE VR102 10K

OSINK @F8H

ISWI @2ØH

ALL DIODES IN914

LAST NOT USED

scan 2012 titonen@web.de

drumtraks

SEQUENTIAL CIRCUITS INC

BD. 1 SCHEMATIC

DOCUMENT No. SD400-1

SCALE

SHEET 1 OF 1

drumtraks

7-2012: corrected version, original seemed to have mistakes, some pins an numbers changed,checked with actual unit.

scan: 6-2003 titonen@web.de

SEQUENTIAL CIRCUITS INC

CPU

MODEL # 400

DOCUMENT No SD400-2 REV A

SCALE — SHEET 1 OF 4

DAC

DEMULTIPLEXER

SAMPLE/HOLDS

CHANNEL TUNING & CLOCK VCOs

POWER SUPPLY

CHASSIS

POWER SUPPLY BOARD

TRANSFORMER

POWER DETECT

3/4 U204

DIGITAL GROUND

ANALOG GROUND

CHASSIS GROUND

SCAN7-2012 Ti

SEQUENTIAL CIRCUITS

MISC./ P.S

SD 900 - 2

BASS CHANNEL 1

SNARE/RIM CHANNEL 2

TOM CHANNEL 3

1/2 U240

1/4 U251

1/6 U250

1/2 U246

1/2 U253

1/2 U236

1/2 U242

1/2 U247

U237 6070

U243 6070

U247 6070

U238 2732 BASS

U244 2764 SNARE RIM

U249 2764 TOM

U241 3320

U245 4040

U246 4040

U252 4040

U254 3320

4558

4001

4013

4049

QZD1 C1815

150pF ALL C257~C260

150pF ALL C275~C278

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VOICES 1-3

SD400-2 REV A

SCALE SHEET 3 OF 4

RIDE/CRASH
CHANNEL 4

HIGH HAT
CHANNEL 5

PERCUSSION
CHANNEL 6

CD0-CD12

B0-B12

SEL1
SEL2
SEL3
SEL4

RES

8.2K x9

1/2 U285

1/4 U281

1/6 U270

1/2 U271

1/2 U269

1/2 U276

1/2 U265

1/2 U274

U272

U273

U235-5 CLOCK 6

U235-9 CLOCK 5

234-8 CLOCK 4

U217-5 TR4

U217-7 TR6

U217-10 TR5

U219-2 RT4

U219-5 RT6A

U219-10 RT6B

U219-12 RT5

U229-7 VOL 5

U229-1 VOL 6

U222-7 VOL 4

CH4 OUT

CH5 OUT

CH6 OUT

SCAN 7-2012 Ti

							J	SEQUENTIAL CIRCUITS INC
							H	
							G	
							F	APPROVALS / DATE / TITLE: VOICES 4-6
							E	DWN -A / 7/6/84
							D	CHK JL/RB / 7/6/84 — SIZE D — MODEL No. 400
							C	DSN
							B	DOCUMENT No. SD400-2 — REV A
							A	PEN
MATERIAL SPEC							LTR	ISS
MATERIAL SPEC	DATE	SCR No.	REVISION					SCALE — SHEET 4 OF 4
			A RELEASED 6-84					