











100 BOARD COMPONENTS



COMPONENT	VALUE
R101	10K
R102	2.2K
R104	160K
R105	56K
R106	FET BIAS
R107	FET BIAS
R111	18K
R112	3.3K
R112A	560
R113	33K
R114	1M
R115	2.7K
R116	82K
R117	8.2K
R118	100K
R119	100K
R120	100K
R121	47K
R122	100K
R123	100K
R125	13K
R126	13K
R127	3.9K
R128	2.2K
R129	2.2K
R130	120K
R131	100K
R132	560K
R133	1M
R134	1M
R135	1M
R136	1M
R137	4.7K
R138	1M
R139	150K
R140	10M
R141	120K
R142	10K
R143	10K
R144	68K/82K
R145	150K/200K

8

COMPONENT	VALUE
R146	82K
R147	82K
R148	6.8K
R149	22K
R150	2.2K
R151	100K
R152	100K
R153	4.7K
R154	4.7K
R155	47K
R156	47K
R157	22K
R158	27K
R159	39K
R160	220
R161	120K
R162	550K
R163	6.8K
R164	330K
R165	2.7K
R166	560K
R168	25K
R169	390
R171	10K
R173	1K
R174	3.3K
R175	12K
R176	33K
R177	1K
VR101	10K

COMPONENT	VALUE					
C103	.001uF					
C103A	.015uF					
C104	10uF					
C106	.082uF					
C107	.01uF					
C108	.015uF					
C108A	.082uF					
C109	4700pF					
C110	.033uF					
C111	.001uF					
C112	.012uF					
C113	82pF					
C114	2700pF					
C115	.047uF					
C116	.001uF					
C117	4700pF					
C118	.01uF					
C119	.047uF					
C120	.047uF					
C121	3.3uF					
C122	62pF					
C123	1500pF					
C124	2700pF					
C125	22uF					
C126	3.3uF					
C127	.0033uF					
C128	.001uF					
C129	.15uF					
C130	.01uF					
C131	15pF					
C132	220uF					
C133	.047uF					
C134	.005uF					
C136	220pF					
C137	.015uF					

COMPONENT	VALUE					
D101	1N914					
D106	1N914					
D107	1N914					
D108	1N914					
D109	1N914					
D110	1N914					
D111	1N914					
D112	RED LED					
D113	1N914					
D114	RED LED					
D115	RED LED					
D116	RED LED					
D117	1N914					
Q101	2N4339					
Q102	2N5457					
70101						
IC101	TL072					
IC102	TL072					
IC103	TL072					
IC104	TL072					
IC105	TL072					
IC106	TL072					
IC107 IC108	TL072					
IC108 IC109	IC7555					
IC109 IC110	CD 4013B					
10110	MN3007					
SW101	DP4P					
SW101	DP4P DP2P					
2 M TOE	חרכר					
CN101	RIBBON-8					
CN102	1/4" MONO					
CN103	1/8' STERED					
0200						

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					REVISION DESCRIPTION	D
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		ALLEGAN	J. ROOT SCHÜLZ	DESCRIPTION	100 BLARD C	В
CAD FILE NAME: RDCKMAN X-100	PLOT SCALE: 1" = 1"	SCALE: 1" = 1"	CREATED BY: STEPHEN J.	CREATION DATE: 02/21/07		Α
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NOTE: ACTUAL PARTS VALUES MAY DIFFER FROM SCHEMATIC AS A RESULT OF REVISIONS OR FACTORY ADJUSTMENT PROCEDURES.

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2 1 8 7 3 6 5 4 F 200 BOARD COMPONENTS COMPONENT COMPONENT COMPONENT COMPONENT VALUE <u>VALUE</u> VALUE VALUE 1N914 D201 220uF R201 3.3K R240 56K C201 CS05 220uF R202 120K R241 56K IC201 LM386 R203 39K 56K C203 .1uF R242 ICS05 LM386 R204 C204 .1uF 250K R243 100K ICS03 TL072 C204A .022uF R204A 10K R244 100K 33K C205 220uF IC204 TL072 R205 100K R245 IC205 TL072 R206 39K C206 220uF R246 100K IC206 MN3011 C207 .047uF R207 120K R247 120K .05uF IC207 MN3007 R208 33K C208 120K R248 IC208 MN3101 C209 R209 180K 150K .1uF R249 C209A .022uF R209A 10K R250 150K DP3P R210 2.2K R251 C210 .1uF SW201 150K DP3P CS11 220pF SNS0S D R211 2.2K R252 5.6K C212 R212 R253 5.6K 220pF 1K RIBBON-8 C213 2700pF CN201 R213 1K R254 120K 1/8" STERED 2.7K R255 25K C214 2700pF CN505 R214 CN203 1/4" STERED R215 R256 470K C215 2700pF 2.7K 220pF R216 10 R256A 5.6M C216 390 C217 220pF R217 10 R257 100K C218 2700pF R218 R258 1M C218A 1500pF R218A 47K R259 2.2K R219 100K C219 2700pF R260 2.2K 33K CS50 2700pF R220

C221

C555

C223

C224

C225

C226

C227 C228

C229

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R221

R222 R223

R224

R225

R226

R227

R228

R229

R230

R231

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R237

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220pF

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ROCKMAN X-100 SHEET NO. 8 OF 9 REVISION BOARD REV.10

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2

