REVISION HISTORY / REVISION APPROVAL

REV	ECO	DESCRIPTION	PROJECT ENGINEER	APPROVAL DATE	DOCUMENT CONTROL	APPROVAL DATE
C	E10812	CHANGE VALUE OF R1 FROM 100 OHM TO 3.3 OHMS	RJH	10NOV99	KAH	10NOV99
D	E10904	CORRECT & CLARIFY INFORMATION IN SCHEMATIC	RJH	18FEB00	KAH	18FEB00
E	E11053	ADD WARNING ABOUT CUTTING TRACE BETWEEN K & VCC	RJH	5/26/00	KAH	5/18/00

J6 — FROM JACK RABBIT BOARD
J7
J2 — FROM JACK RABBIT BOARD
J3

S5 /RESET RESET

J1 RS232/RS485
J5 TO DE-9
J4 DE-9 FEMALE
J4, J5 not loaded.

12V COIL
10A/120V

LS1 BUZZER
R1 3.3 1/4W 5%
JP2
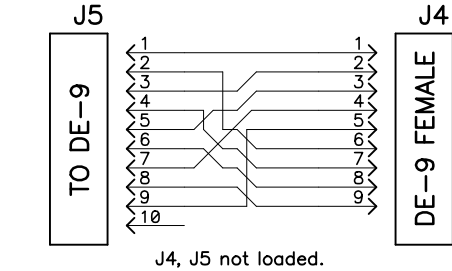
JP2 JUMPER SETTINGS

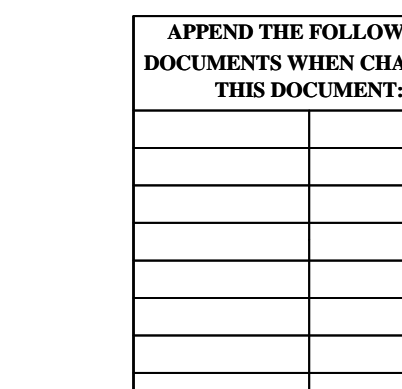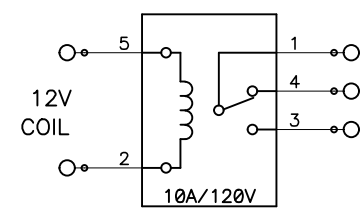| FUNCTION	SETTING
Buzzer	1-2
K to +5V	3-5
K to DCIN	5-6
10K POT OR THERMISTOR	7-8
int enab	9-10

R3 10k
RT1 10k

IMPORTANT:
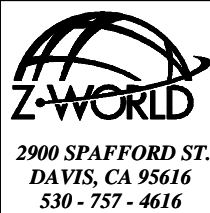CUT TRACE BETWEEN K AND VCC BEFORE CONNECTING K TO ANOTHER SOURCE!

CAN CUT TRACES IN JP2 TO DISCONNECT DEVICES FROM JACKRABBIT

RN1 470

JP1

DS1 RED
DS2 RED
DS3 RED
DS4 RED
DS5 RED
DS6 RED
DS7 RED
DS8 RED
DS9 RED POWER

S1 N.O.
S2 N.O.
S3 N.O.
S4 N.O.

AFTER RUNNING DEMO PROGRAMS, CAN CUT TRACES IN JP1 TO DISCONNECT DEVICES FROM JACKRABBIT PINS
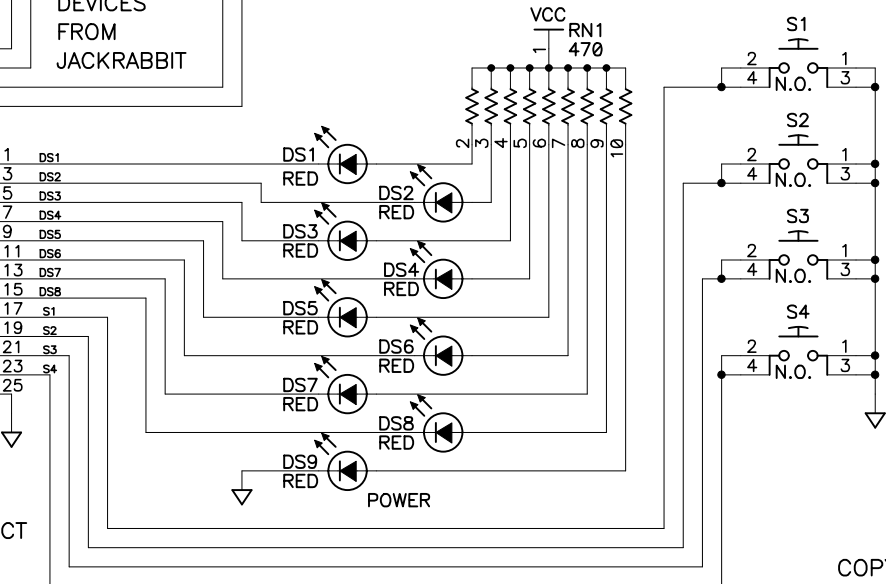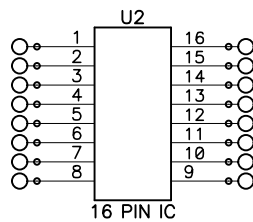
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APPEND THE FOLLOWING DOCUMENTS WHEN CHANGING THIS DOCUMENT:

DRAWING CONTENT:

DRAWN BY: (INITIAL RELEASE) JS	11AUG99
REVISED BY: KAH	18MAY00
APPROVALS: INITIAL RELEASE	
PROJECT ENGINEER: RAH	18OCT99
ENGINEERING MANAGER: R.Matthews	5/30/00
SIGNATURES	DATE

TITLE
SCHEMATIC DIAGRAM BL1800/JACKRABBIT PROTOTYPING BOARD

Z-WORLD
2900 SPAFFORD ST.
DAVIS, CA 95616
530 - 757 - 4616

SIZE B
DWG NO. 090-0088
SCALE NONE
RELEASE DATE 18OCT99
SHEET 1 OF 2

SURFACE MOUNT PROTOTYPING PADS

U17 SOT-23
U1 SOT-23
U6 SOT-23
U18 SOT-23
U3 SOT-23
U7 SOT-23
U19 SOT-23
U4 SOT-23
U8 SOT-23
U20 SOT-23
U5 SOT-23
U9 SOT-23
U16 SOT-23
U15 SOT-23

U2 — 16 PIN IC
U13 — 16 PIN IC
U10 — 16 PIN IC
U14 — 16 PIN IC
U11 — 16 PIN IC
U12 — 16 PIN IC
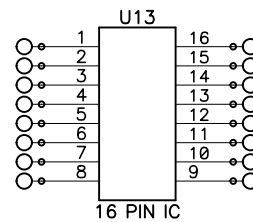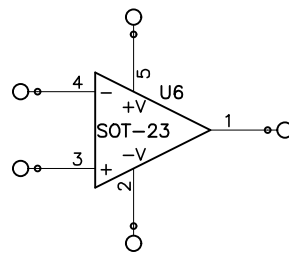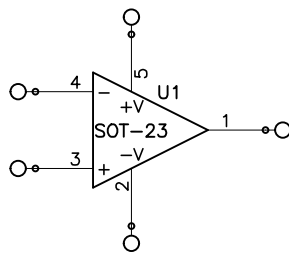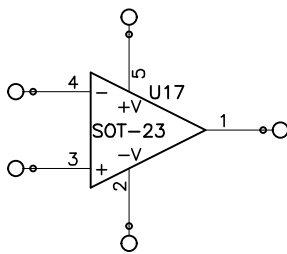
R-C1 R-C7 R-C13 R-C31 R-C49 R-C67 R-C85
R-C2 R-C8 R-C14 R-C32 R-C50 R-C68 R-C86
R-C3 R-C9 R-C15 R-C33 R-C51 R-C69 R-C87
R-C4 R-C10 R-C16 R-C34 R-C52 R-C70 R-C88
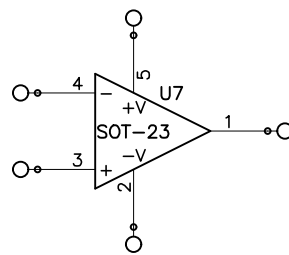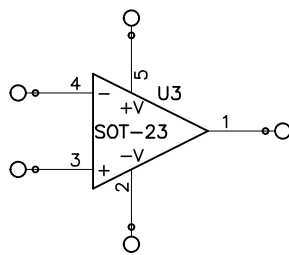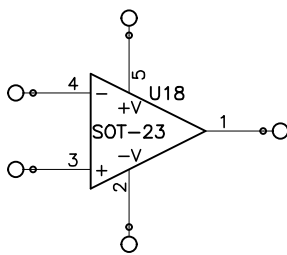R-C5 R-C11 R-C17 R-C35 R-C53 R-C71 R-C89
R-C6 R-C12 R-C18 R-C36 R-C54 R-C72 R-C90
            R-C19 R-C37 R-C55 R-C73 R-C91
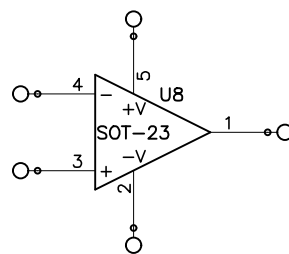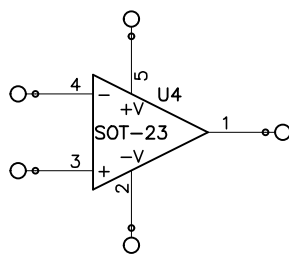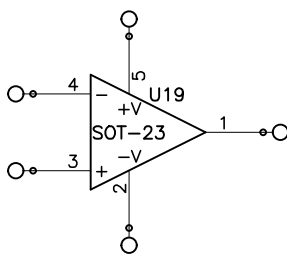   R-C20 R-C38 R-C56 R-C74 R-C92
            R-C21 R-C39 R-C57 R-C75 R-C93
            R-C22 R-C40 R-C58 R-C76 R-C94
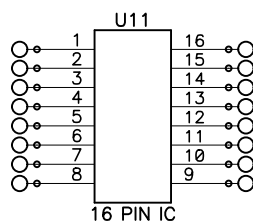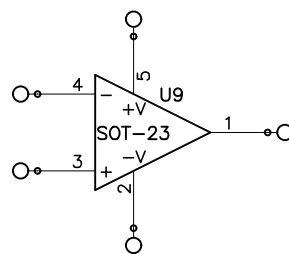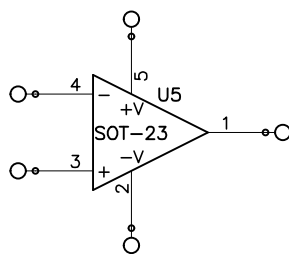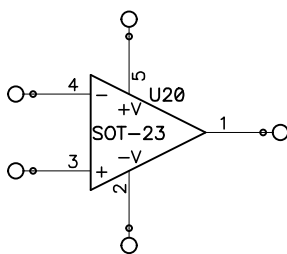   R-C23 R-C41 R-C59 R-C77 R-C95
            R-C24 R-C42 R-C60 R-C78 R-C96
            R-C25 R-C43 R-C61 R-C79 R-C97
            R-C26 R-C44 R-C62 R-C80 R-C98
            R-C27 R-C45 R-C63 R-C81 R-C99
            R-C28 R-C46 R-C64 R-C82 R-C100
            R-C29 R-C47 R-C65 R-C83 R-C101
            R-C30 R-C48 R-C66 R-C84 R-C102
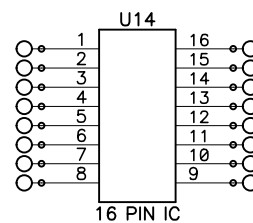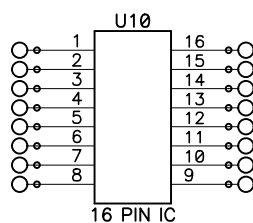
SIZE: B
DWG NO. 090-0088
SCALE: NONE
REV LTR: E
SHEET 2 OF 2