

# VG-469

## REFERENCE DESIGN #3

### DRIVE BAY IMPLEMENTATION

ONE SLOT LOCAL  
ONE SLOT REMOTE

OPTIONAL {  
5V ISA VCC ONLY  
EXTERNAL VOLTAGE SENSE  
PLUG AND PLAY  
NO DMA

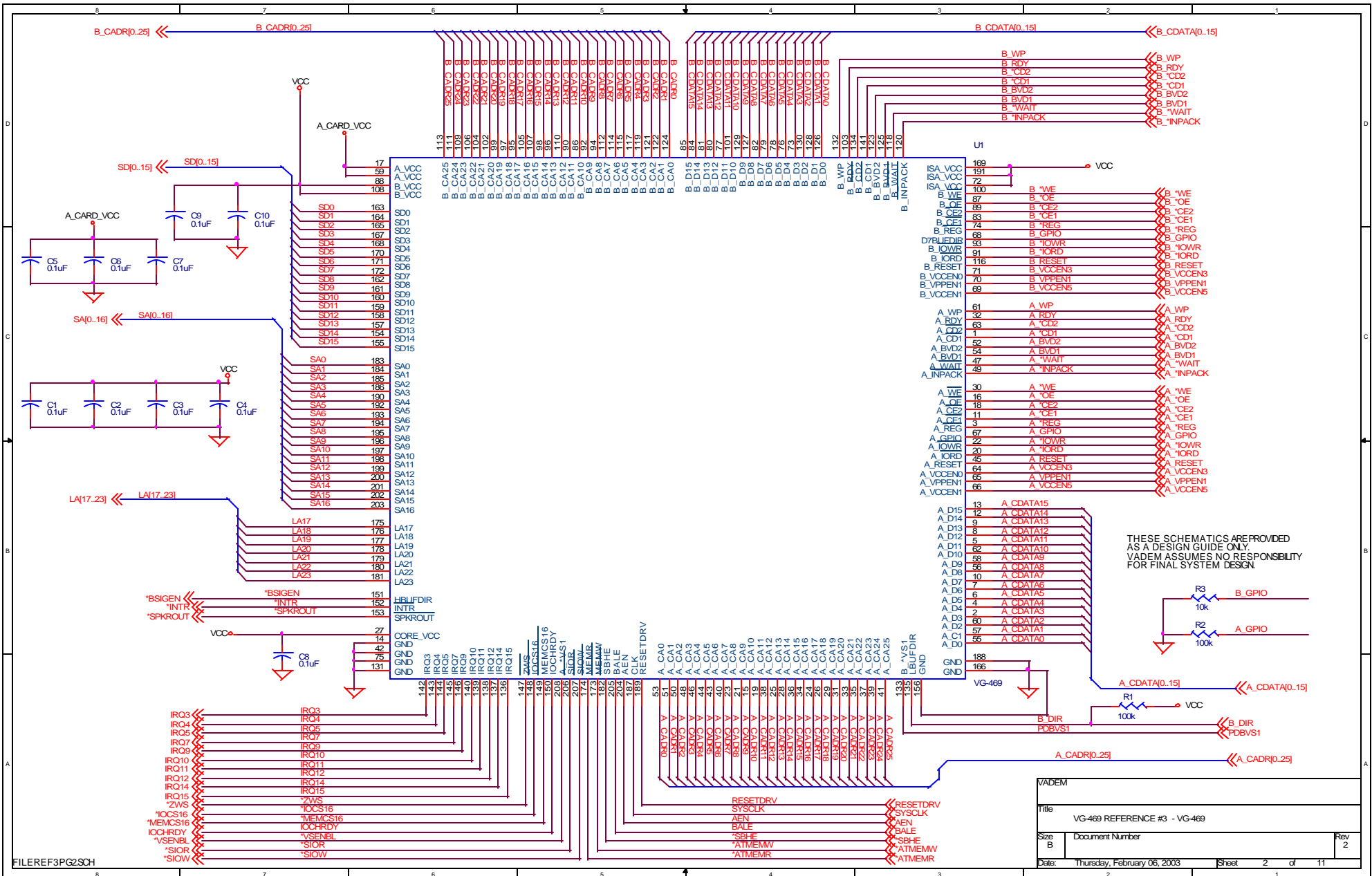
## ISA BOARD

LINK  
REF3PG2SCH  
REF3PG3SCH  
REF3PG4SCH  
REF3PG5SCH  
REF3PG6SCH  
REF3PG7SCH  
REF3PG8SCH  
REF3PG9SCH  
REF3PG10SCH  
REF3PG11SCH

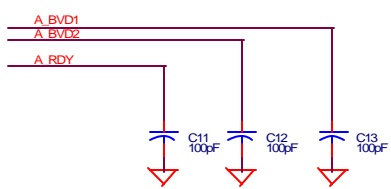
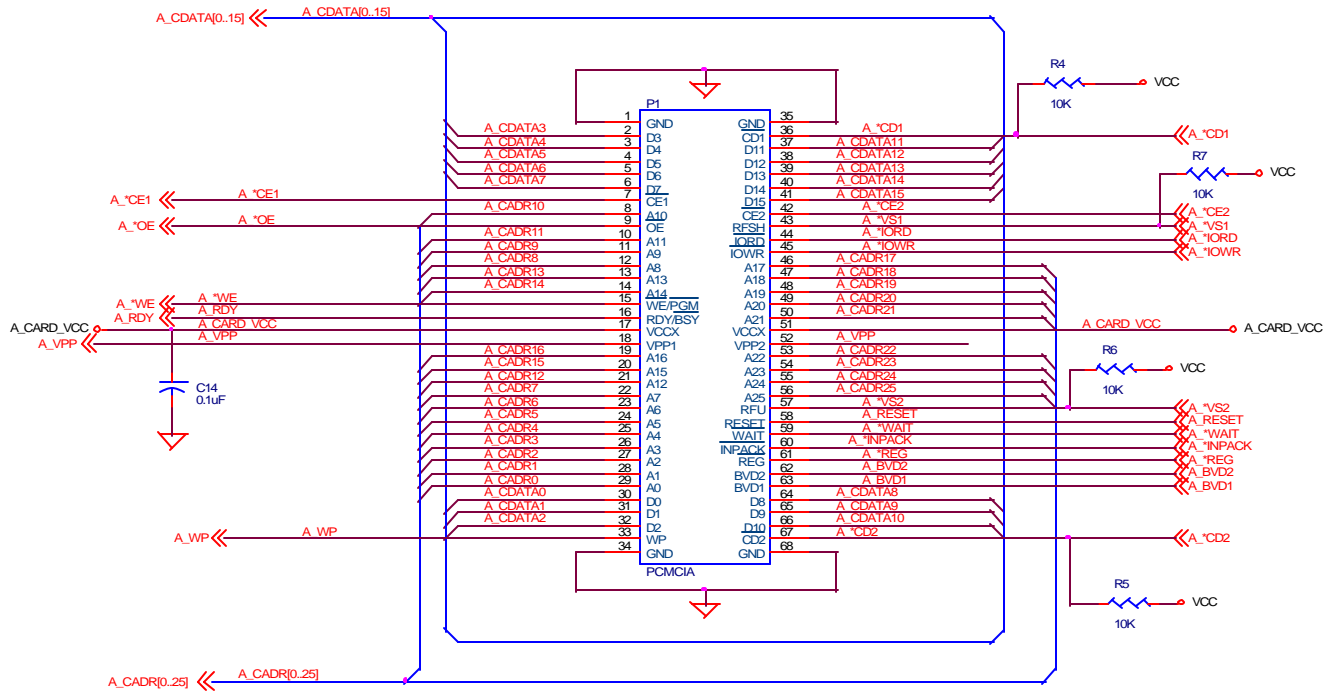
These schematics are provided as a design guide only.  
Vadem assumes no responsibility for final system design.

FILE=469REF\_3SCH

VADEM		
Title VG-469 REFERENCE DESIGN #3		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 1	of 11



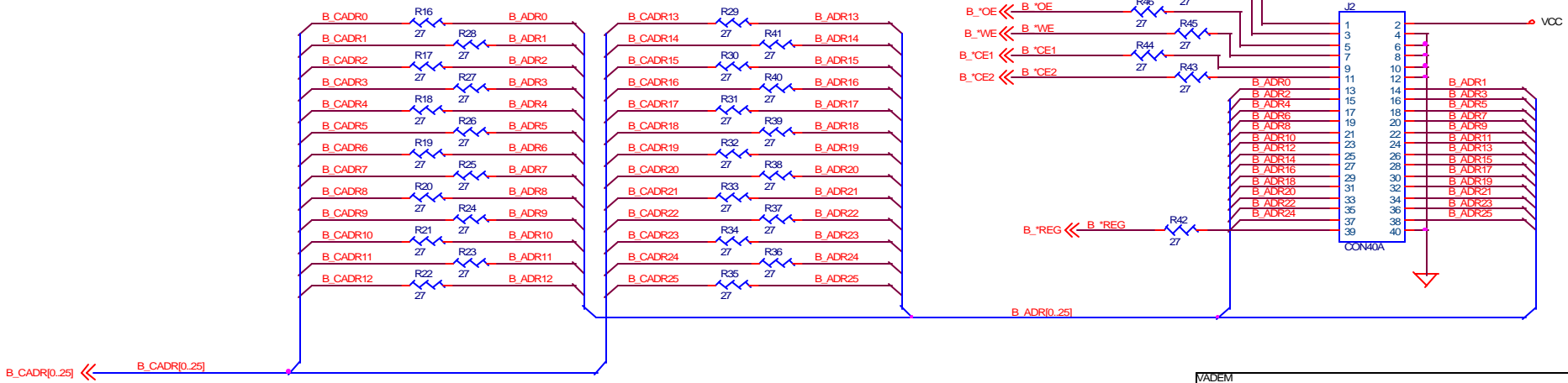
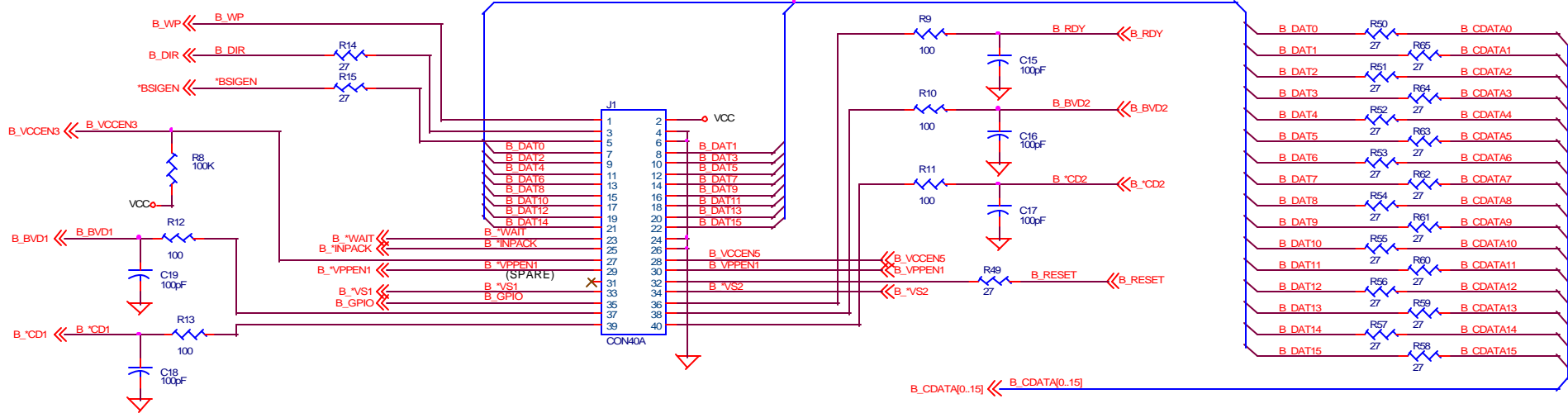
VADEM	
Title	VG-469 REFERENCE #3 - VG-469
Size	Document Number
Date:	Thursday, February 06, 2003
Sheet	2 of 11
Rev	2



These schematics are provided as a design guide only.  
Vadem assumes no responsibility for final system design.

FILE=REF3PG3SCH

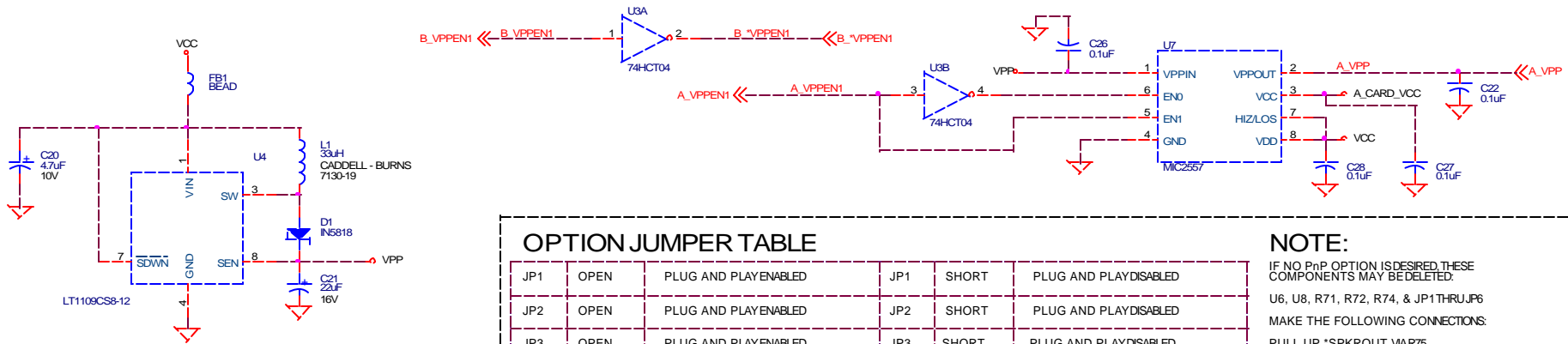
VADEM		
Title VG-469 REFERENCE #3 - PCMCIA SLOT A		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 3	of 11



These schematics are provided as a design guide only.  
 Vadem assumes no responsibility for final system design.

FILE=REF3PG4SCH

VADEM		
Title VG-469 REFERENCE #3 - CABLE CONNECTORS		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 4	of 11

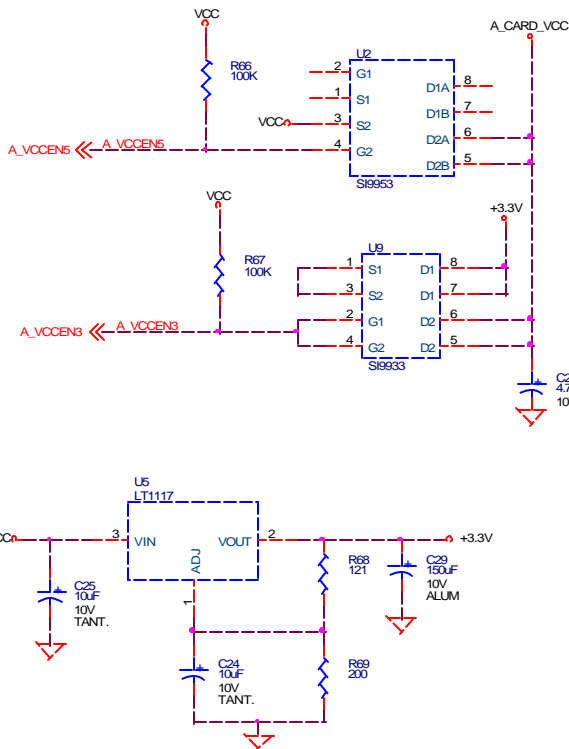


### OPTION JUMPER TABLE

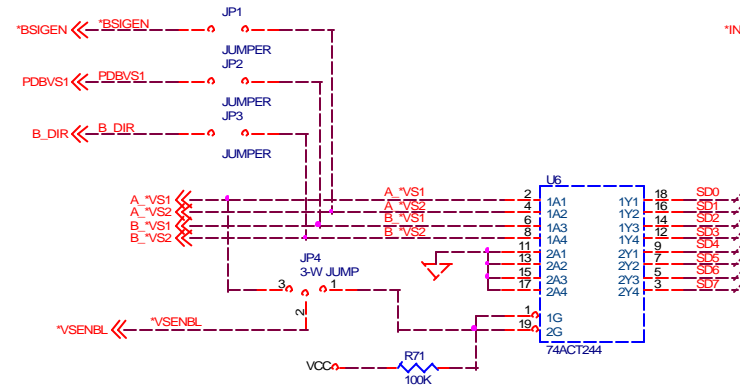
JP1	OPEN	PLUG AND PLAY ENABLED	JP1	SHORT	PLUG AND PLAY DISABLED
JP2	OPEN	PLUG AND PLAY ENABLED	JP2	SHORT	PLUG AND PLAY DISABLED
JP3	OPEN	PLUG AND PLAY ENABLED	JP3	SHORT	PLUG AND PLAY DISABLED
JP4	1-2	PLUG AND PLAY ENABLED	JP4	2-3	PLUG AND PLAY DISABLED
JP5	1-2	PLUG AND PLAY ENABLED	JP5	2-3	PLUG AND PLAY DISABLED
JP6	2-3	PLUG AND PLAY ENABLED	JP6	1-2	PLUG AND PLAY DISABLED

### NOTE:

IF NO PnP OPTION IS DESIRED, THESE COMPONENTS MAY BE DELETED.  
 U6, U8, R71, R72, R74, & JP1 THRU JP6  
 MAKE THE FOLLOWING CONNECTIONS:  
 PULL UP \*SPKROUT VIA R75  
 PULL UP PDBVS1 VIA R73  
 CONNECT A-\*VS1 TO \*VSENBL  
 CONNECT A-\*VS2 TO \*BSIGEN  
 CONNECT B-\*VS1 TO PDBVS1  
 CONNECT B-\*VS2 TO B\_DIR



JP7	I/O ADDRESS
1-2	3E0/3E1H
2-3	3E2/3E3H



### PLUG AND PLAY EXTERNAL VOLTAGE SENSE OPTION

VAD-EM		
Title: VG-469 REFERENCE #3 - POWER CONTROL		
Size: I	Document Number	Rev: 2
Date: Thursday, February 06, 2003	Sheet: 5	of 11

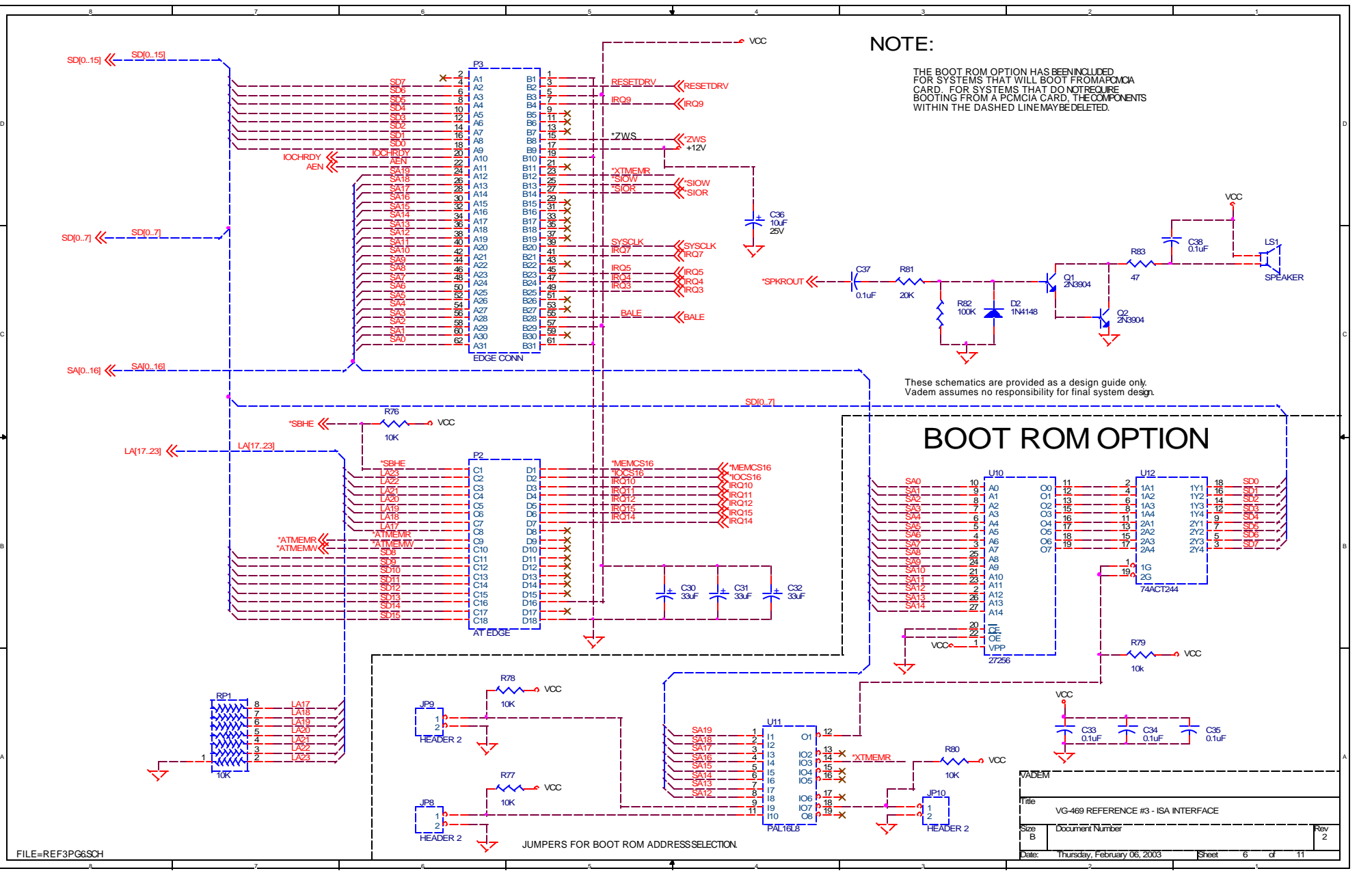
These schematics are provided as a design guide only. Vadem assumes no responsibility for final system design.

**NOTE:**

THE BOOT ROM OPTION HAS BEEN INCLUDED FOR SYSTEMS THAT WILL BOOT FROM A PCMCIA CARD. FOR SYSTEMS THAT DO NOT REQUIRE BOOTING FROM A PCMCIA CARD, THE COMPONENTS WITHIN THE DASHED LINE MAY BE DELETED.

These schematics are provided as a design guide only. Vadem assumes no responsibility for final system design.

**BOOT ROM OPTION**



Title		
VG-469 REFERENCE #3 - ISA INTERFACE		
Size	Document Number	Rev
B		2
Date: Thursday, February 06, 2003		Sheet 6 of 11

# VG-469

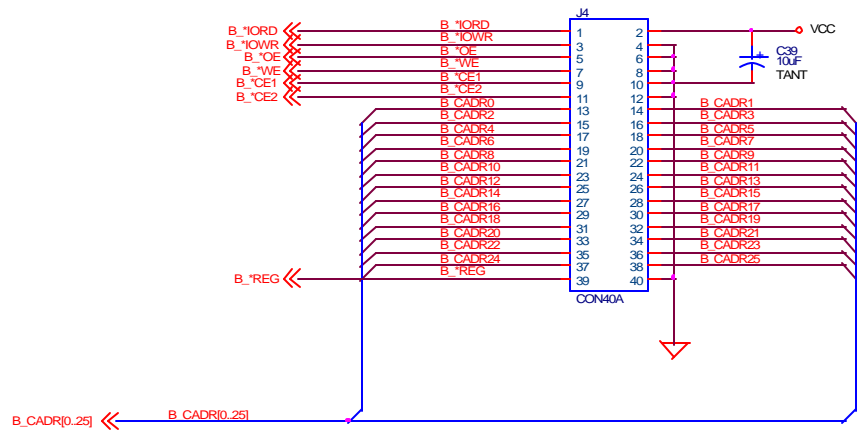
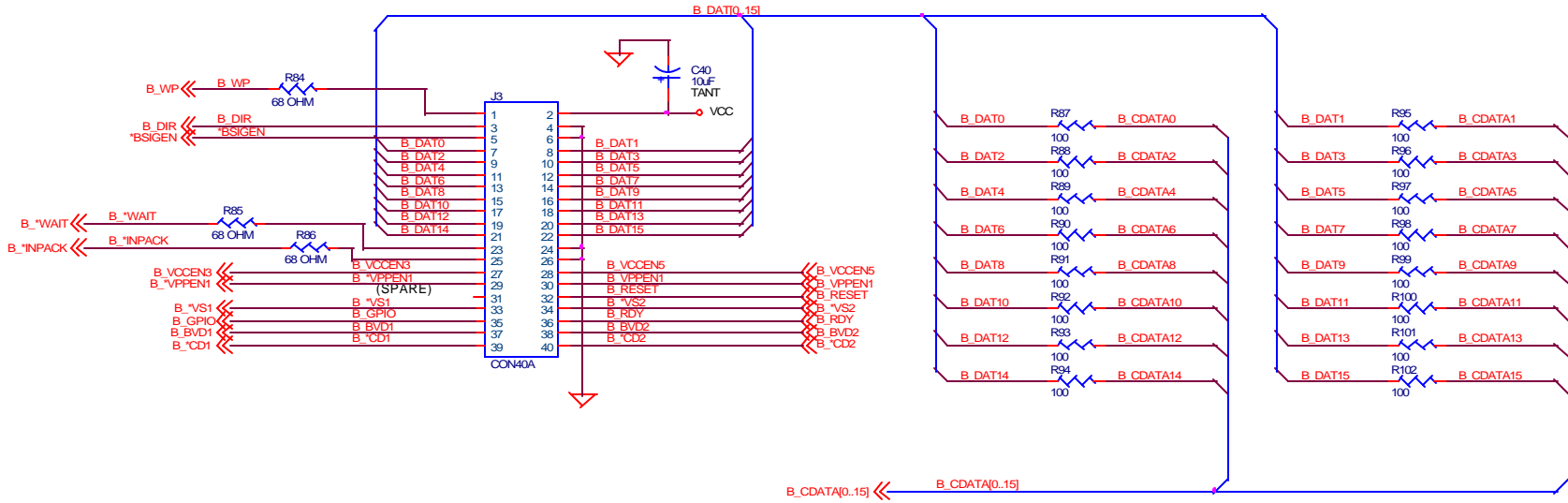
## REFERENCE DESIGN #3

# DRIVE BAY

These schematics are provided as a design guide only.  
Vadem assumes no responsibility for final system design.

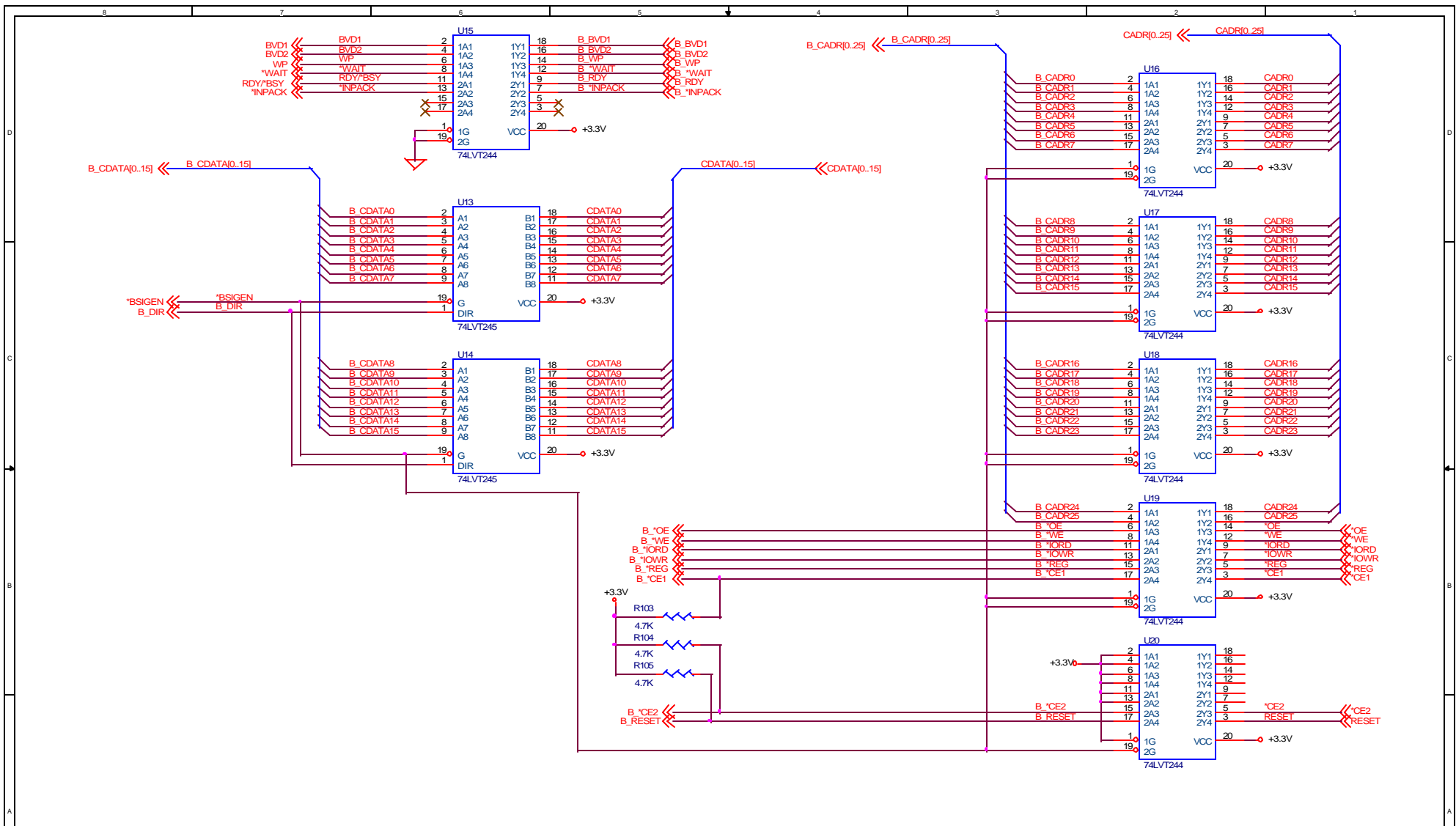
FILE=REF3PG7SCH

VADEM		
Title		
VG-469 REFERENCE #3 - DRIVE BAY BOARD		
Size	Document Number	Rev
B		2
Date:	Thursday, February 06, 2003	Sheet 7 of 11



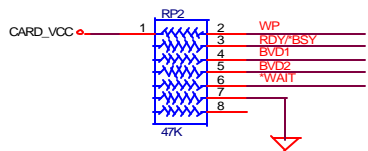
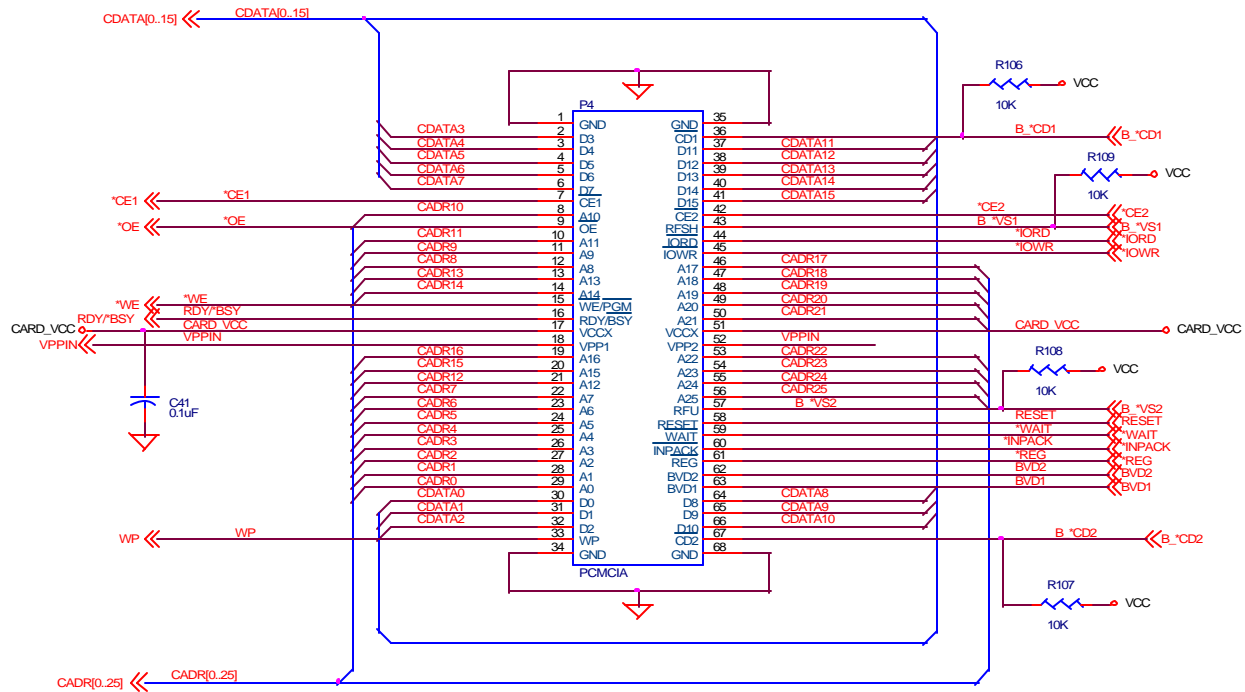
These schematics are provided as a design guide only.  
 Vadem assumes no responsibility for final system design.

VADEM		
Title VG-469 REF #3 DRIVE BAY - CABLE CONNECTORS		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 8	of 11



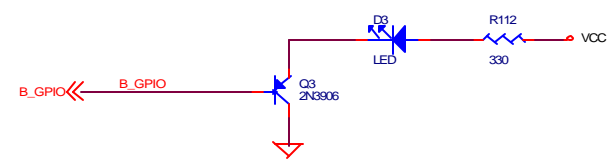
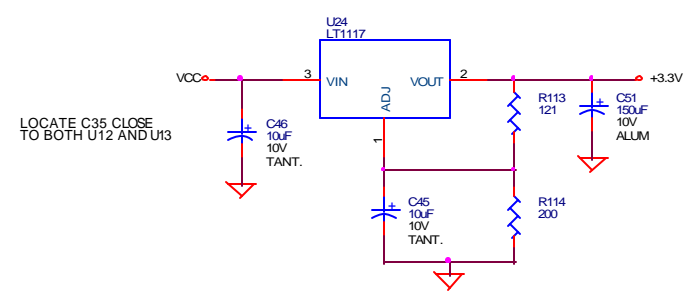
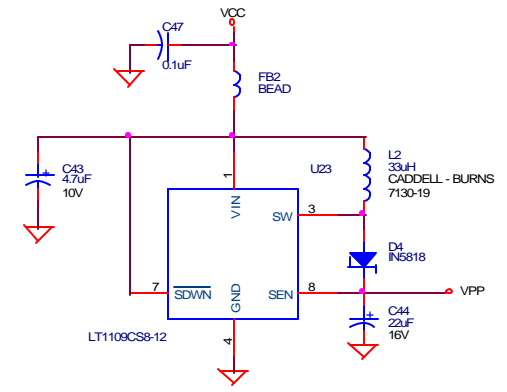
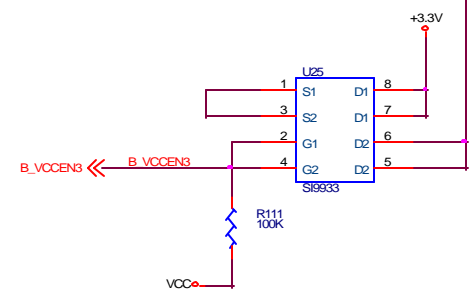
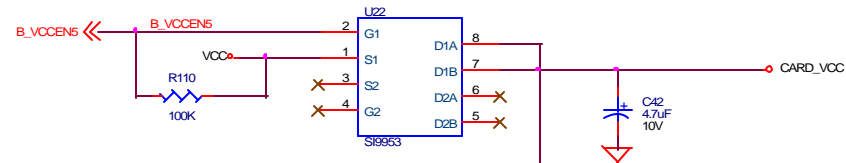
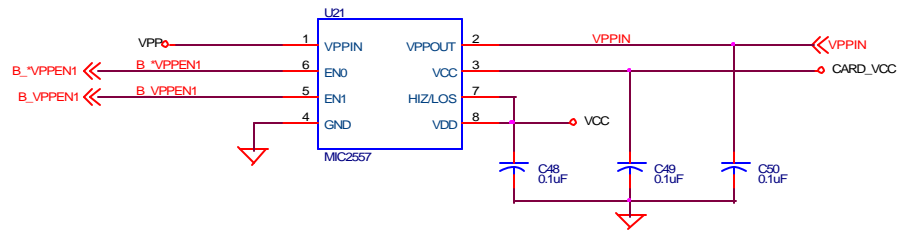
These schematics are provided as a design guide only. Vadem assumes no responsibility for final system design.

VADEM	
Title: VG-469 REF #3DRIVE BAY - BUFFERS	
Size: B	Document Number
Date: Thursday, February 06, 2003	Sheet 9 of 11
	Rev 2



These schematics are provided as a design guide only.  
Vadem assumes no responsibility for final system design.

VADEM		
Title VG-469 REF #3 DRIVE BAY - PCMCIA SLOT B		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 10	of 11



LOCATE C35 CLOSE TO BOTH U12 AND U13

These schematics are provided as a design guide only. Vadem assumes no responsibility for final system design.

VADEM		
Title VG-469 REF #3 DRIVE BAY - POWER SWITCHES		
Size B	Document Number	Rev 2
Date: Thursday, February 06, 2003	Sheet 11	of 11