

20 Spall

03

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20

20

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

x x x x

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x x x x

x x x x

x x x x

x x x x

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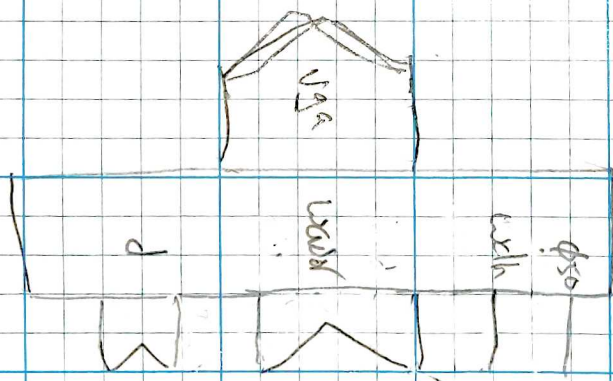
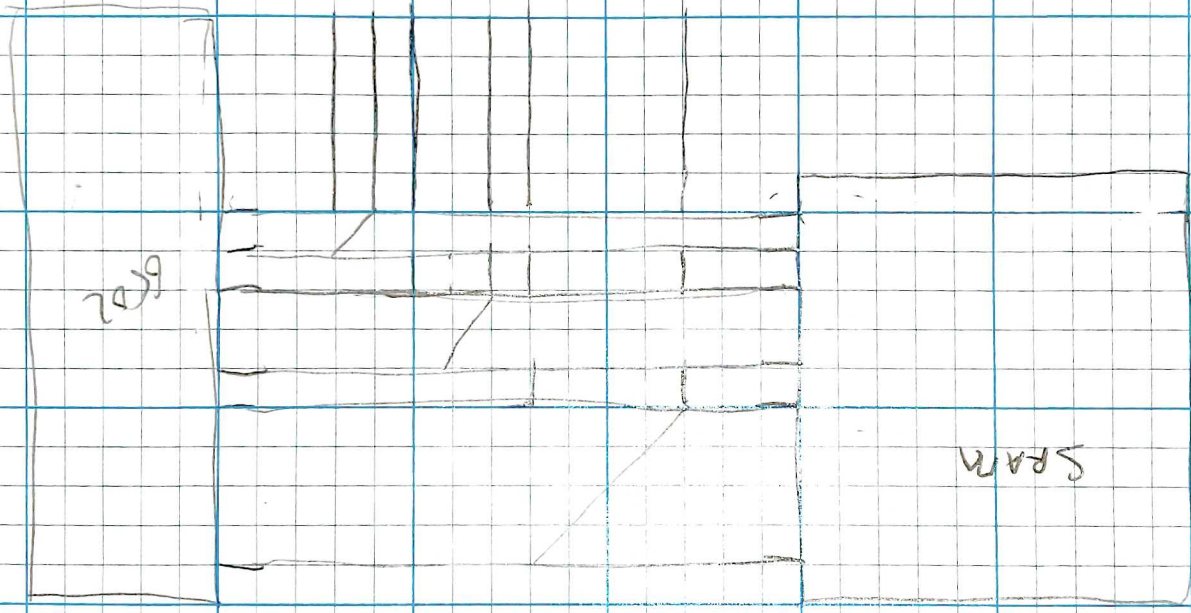
x x x x

x x x x

x x x x

x x x x

1711  
= 1618



output [15:0] address

inout [7:0] data

input  $\overline{RES}$

input DBE L puts data in HiE

output R/W

output  $\phi_1$

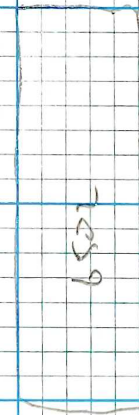
output  $\phi_2$

input clock

input RDO

input  $\overline{NMI}$  neg edge

input  $\overline{IRQ}$









7 6 5 4 3 2 1 0

000 0000 0000

1001

ASCII-61 chary 010010000061  
2 4 1

000	00	
1	1C	x x x
2	22	x x x
3	2a	x x x
4	2e	x x x
5	2c	x x x
6	20	x x x
7	1e	x x x
8	00	
9	08	x
a	14	x x
b	22	x x x
c	22	x x x
d	22	x x x
e	22	x x
f	22	x x

10	00	
10	2C	x x x
00010000	22	x x
	22	x x
	2C	x x x
	22	x x
	22	x x
	2C	x x x

18	00	
00011000	1C	x x x
	22	x x
	20	x x
	20	x x
	22	x x
	1C	x x x

1A0	00	
	04	x
	0C	x x
	14	x x
	24	x x
	2e	x x x
	04	x
	44	x

0101010		
SA		

0=0A		
1=BC		
2=DE		

3=FA		
4=HI		

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7  
 ROM-addr

00  
 01  
 02  
 03  
 04  
 05

00  
 01  
 02  
 03  
 04

X-ctrl

Y-pos

0 00000000  
 1 00000001  
 2 00000010  
 3 00000011  
 4 00000100  
 5 00000101  
 6 00000110  
 7 00000111

00 01  
 00 10  
 00 11  
 01 00  
 01 01  
 01 10  
 01 11  
 10 00

80				2	01010000	0
81			1	5		1
82			1	4		2
83			11	3		2
84			1	2		
85			1	1		
86			11	0		
87			111	6		
88			1	5		
89			1	4		
90				3		
91			1	2		
92			1	1		
93			11	0		
94			1	6		
95			1	5		
96			11	4	01100000	
97			111	3		
98			1	2		
99			1	1		
100				0		