

***** EPROM 27XXX *****

*** ADVANCED MICRO DEVICES ***

Тип	Vpp	Аналог
9716	25v	2716
9732	25v	2732
9732A	21v	2732
9764	21v	2764
2716	25v	2716
2716B	12.5v	2716
2732	25v	2732
2732A	21v	2732
2732B	12.5v	2732
2764	21v	2764
2764A/AP	12.5v	2764
271024 (адаптер А1)		
27128	21v	27128
27128A/AP	12.5v	27128
27256/P	12.5v	27256
27C256	12.5v	27256
27256HV	21v	27256
27512	12.5v	27512
27512HV	21v	27512
27C010	12.5v	27010
27C020	12.5v	27020
27C1024	12.5v	271024 (адаптер А1)

*** CATALYST ***

Тип	Vpp	Аналог
CSI2764A	12.5v	2764
CSI27128A	12.5v	27128
CSI27256	12.5v	27256
CSI27HC256	12.5v	27256
CSI27512	12.5v	27512
27010	12.5v	27010
27C210	12.5v	271024 (адаптер А1)
271024 (адаптер А1)		

*** ATMEL ***

Тип	Vpp	Аналог
AT27HC64/L	12.5v	2764
AT27C128A	12.5v	27128
AT27C256	12.5v	27256
AT27HC256	12.5v	27256
AT27C256R	12.5v	27256
AT27C512	12.5v	27512
AT27C512R	12.5v	27512
27C010	12.5v	27010
AT27C010/L	12.5v	27010
AT27C011	12.5v	27011
AT27C1024/L	12.5v	
27C513	12.5v	27513
AT27C513	12.5v	27513
AT27C513R	12.5v	27513

*** FUJITSU ***

Тип	Vpp	Аналог
MBM8516	25v	2716
MBM8532	25v	2532
MBM2732	25v	2732
MBM2732A	21v	2732
MBM27C32A	21v	2732
MBM2764	21v	2764
MBM27C64	21v	2764
MBM27128	21v	27128
MBM27C128	21v	27128
MBM27256	12.5v	27256
MBM27C256	21v	27256
MBM27C256H	21v	27256
MBM27C512	12.5v	27512
27C1000	12.5v	27100
27C1001	12.5v	27010
27C1024	12.5v	

*** HITACHI ***

Тип	Vpp	Аналог
HN462716	25v	2716
HN462732	25v	2732
HN462732P	25v	2732
HN462732A	21v	2732
HN482732A	21v	2732
HN27C32	25v	2732
HN27C32A	21v	2732
HN482764G	21v	2764
HN27C64	21v	2764
HN4827128P	21v	27128
HN27128AG	12.5v	27128
HN27256G	12.5v	27256
HN27C256G	12.5v	27256
HN27512P	12.5v	27512
HN27512G	12.5v	27512
HN27C101	12.5v	27010
HN27C1024	12.5v	271024 (адаптер А1)

*** HYUNDAI ***

271024 (адаптер А1)		
271024 (адаптер А1)		
Тип	Vpp	Аналог
274096 (адаптер А1)		
27C64	12.5v	2764

*** MATSUSHITA ***

Тип	Vpp	Аналог
2764	21v	2764
27128	21v	27128

*** MICROCHIP/GI ***

Тип	Vpp	Аналог
27H64A	12.5v	2764
27H64HC64	12.5v	2764
272048 (адаптер А1)		
27C128	12.5v	27128
27256	12.5v	27256
27512	12.5v	27512
27C513	12.5v	27513

*** INTEL ***

Тип	Vpp	Аналог
D2716	25v	2716
D2732	25v	2732
D2732A	21v	2732
D2764	21v	2764
D2764A	12.5v	2764
D27C64	21v	2764
D27128	21v	27128
D27128A	12.5v	27128
D27256	12.5v	27256
D27512	12.5v	27512
D27C512	12.5v	27512
D8764	12.5v	2764
D87256	12.5v	27256
27010	12.5v	27010
27C010	12.5v	27010
27C010A	12.5v	27010
27011	12.5v	27011
27C011	12.5v	27011
27C020	12.5v	27020
27C080	12.5v	27080
27210	12.5v	

27C210	12.5v	
27C240	12.5v	
27513	12.5v	27513
27C513	12.5v	27513

*** MITSUBISHI ***

Тип	Vpp	Аналог
M5L2716	25v	2716
M5L2732	25v	2732
M5L2764	21v	2764
M5L27128	21v	27128
M5L27C128	12.5v	27128
M5L27C256	12.5v	27256
M5L27K256	12.5v	27256
M5L27512	12.5v	27512
M5L27C100	12.5v	27100
M5L27C101	12.5v	27010
M5L27C202K	12.5v	

*** MOSTEK ***
 (NEC) ***

Тип	Vpp	Аналог
2716	25v	2716

*** MOTOROLA ***

Тип	Vpp	Аналог
MCM68764	25v	2764

*** RICHIO ***

Тип	Vpp	Аналог
271024 (адаптер А1)		
27C64	12.5v	2764

*** NATIONAL SEMICONDUCTOR (NS) ***

Тип	Vpp	Аналог
NMC2716	25v	2716
NMC27C16	25v	2716
NMC27C16H	25v	2716
NMC2716B	12.5v	2716
NMC27C32	25v	2732
NMC27C32H	25v	2732
NMC2732B	12.5v	2732
NMC27C64	12.5v	2764
NMC27C128	12.5v	27128
NMC27C128B	12.5v	27128
NMC27CP128	12.5v	27256!!!
NMC27256	12.5v	27256
NMC27C256	12.5v	27256
NMC27256B	12.5v	27256
NMC27512	12.5v	27512
NMC27C512A	12.5v	27512
27C010	12.5v	27010
27C1024	12.5v	271024 (адаптер А1)

*** NIPPON ELECTRIC COMPANY

Тип	Vpp	Аналог
D2716	25v	2716
D2732	25v	2732
D2732A	21v	2732
D2732B	12.5v	2732
D2764	21v	2764
D27C64	21v	2764
D27128	21v	27128
D27256	21v	27256
D27C256	21v	27256
D27C256A	12.5v	27256
D27C512	12.5v	27512
D27C1000/A	12.5v	27100
D27C1001/A	12.5v	27010
D27C1024/A	12.5v	
D27C2001/A	12.5v	27020
D27C4001/A	12.5v	27040

*** OKI ***

Тип	Vpp	Аналог
MSM2716	25v	2716
MSM2764	21v	2764
MSM27C64	21v	2764
MSM2764A	12.5v	2764
MSM27128	21v	27128
MSM27128A	12.5v	27128
MSM27256	12.5v	27256
MSM27C256	12.5v	27256
MSM27256AS	12.5v	27256
MSM27512AS	12.5v	27512
271000	12.5v	27100

*** RICON ***

Тип	Vpp	Аналог
27C32	21v	2732
27C64	21v	2764
27C256	12.5v	27256

*** SIGNETICS ***

Тип	Vpp	Аналог
27H64	21v	2764
27HC64	21v	2764
27C128	21v	27128
27C256	12.5v	27256
27C512	12.5v	27512
27C210	12.5v	271024 (адаптер А1)

*** SMOS ***

Тип	Vpp	Аналог
27C64H	12.5v	2764
27128H	12.5v	27128
27C256H	12.5v	27256
271024 (адаптер А1)		

*** TI ***

Тип	Vpp	Аналог
TMS2516	25v	2716
TMS2532	25v	2532
TMS2532A	21v	2532
TMS2564	21v	2564
TMS2732	25v	2732
TMS2732A	21v	2732
TMS27P32A	21v	2764!!!
TMS27C32	12.5v	2732
TMS2764	21v	2764
TMS27C64	12.5v	2764
TMS27PC64	12.5v	2764
TMS27128	21v	27128
TMS27128A	12.5v	27128
TMS27C128A	12.5v	27128
TMS27CP128A	12.5v	27256!!!
TMS27256	12.5v	27256
271024 (адаптер А1)		
TMS27C256	12.5v	27256
TMS27CP256	12.5v	27512!!!
TMS27512	12.5v	27512
TMS27C512	12.5v	27512
27010	12.5v	27010
27210	12.5v	271024 (адаптер А1)

*** SGS_THOMSON ***

Тип	Vpp	Аналог
TS2716	25v	2716
TS27C16	25v	2716
TS2732	25v	2732
TS27C32	25v	2732
M2732A	21v	2732
TS2764	21v	2764
TS2764A	12.5v	2764
TS27C64A	12.5v	2764
TS27256	12.5v	27256
TS27C256	12.5v	27256
TS27512	12.5v	27512
TS27C512	12.5v	27512
27C1000	12.5v	27100
27C1001	12.5v	27010
27C1024	12.5v	

*** TOSHIBA ***

Тип	Vpp	Аналог
T2732	25v	2732
T2732A	21v	2732
T2764	21v	2764
T2764A	12.5v	2764
T27128	21v	27128
T27128A	12.5v	27128
T27256	21v	27256
TC57256D	21v	27256
T27256A	12.5v	27256
T27256B	12.5v	27256
27C256	12.5v	27256
T27512	12.5v	27512
T27512A	12.5v	27512
571000	12.5v	27010
571001	12.5v	27100
571024	12.5v	
574000	12.5v	27040

*** WSI ***

Тип	Vpp	Аналог
WS27C64FM	12.5v	2764
WS27C64F	12.5v	2764
WS27C128FM	12.5v	27128
WS27C128F	12.5v	27128
WS27C256FM	12.5v	27256
WS57C256F-55	12.5v	27256
WS57C256F-35	12.5v	27256
WS57C256L	12.5v	27256
WS57C256F	12.5v	27256
WS57C512F	12.5v	27256

*** VLSI ***

Тип	Vpp	Аналог
VT27C64	12.5v	2764
VT27C128	12.5v	27128
VT27C256	12.5v	27256
VT27C512	12.5v	27512

*** 27010 27020 27040 27080 27100 ***

Тип EPROM	Аналог
27010	27C001 27C010 27C101 571000
	27C1001 (вариант 1)
27020	27C020 27C2001 572000
27040	27C040 27C4001 574000
27080	27C080
27100	27C1001 (вариант 2)

*** 271024 272048 274096

Тип EPROM	Аналог
271024	27C210 571024
272048	27C220 27C202
274096	27C240 27C4002
278192	27C280

Постраничное программирование:
PD27C1000A NEC
TC571001D TOSHIBA

*** 27CP128 программируется, как 27256 ***

*** Масочная микросхема 8355 считывается как 8755 ***

Тип	Аналог
8355	KM1821PE55

*** Масочные микросхемы серии 23XX считываются, как 27XX ***

*** EPROM 27513 ***

Банк	Адреса
0	0000 - 3FFF
1	4000 - 7FFF
2	8000 - BFFF
3	C000 - FFFF

*** EPROM 27011 ***

Банк	Адреса
0	00000 - 03FFF
1	04000 - 07FFF
2	08000 - 0BFFF
3	0C000 - 0FFFF
4	10000 - 13FFF
5	14000 - 17FFF
6	18000 - 1BFFF
7	1C000 - 1FFFF

*** Отечественные аналоги EPROM 27XX

Тип	Аналог		
2716	K573PΦ2	Vpp	25V
2716	K573PΦ5	Vpp	25V
2764	K573PΦ4A, B	Vpp	21V/12.5V
2764	K573PΦ6	Vpp	19V/12.5V
27C64	KC1626PΦ1	Vpp	12.5V
27256	K573PΦ7		
27256	K573PΦ8	Vpp	18V
87C55	K573PΦ10	Vpp	21V

*** Отечественные аналоги EEPROM 28XX
28XX ***

Тип	Аналог	Vpp	PGM
2816 9864	KM1609PP1	21V	15мс
2864	KM1609PP2	21V	20мс
2864	KM1609PP3A	21V	20мс
2864	KM1609PP3B	21V	50мс
2816	K573PP2	22V	50мс
48016	KP558PP2 (Стирание)	18V 18V	10мс 1сек)
б/а	KM558PP3 (Стирание)	24V 18V	5мс 20сек)
52864	KP558PP4 (Стирание)	16.5V 16.5V	10мс 100мс)
б/а	KM1611PP2 (Стирание)	16V 16V	10мс (20мс) 100сек)

*** Отечественные аналоги 23XX

Тип	Аналог
2316	1610PE1
***	Аналоги ***
Тип EPROM	Аналог
25XX	85XX
27XX	87XX

*** Зарубежные аналоги EEPROM

Тип	Аналог
2864A	28C64 98C64
***	Аналоги EEPROM FLASH ***
Тип EEPROM	Аналог
28F256 (32 КБ)	28F256A

2864А КС573РР3 5V 50мс
(При программировании микросхемы
КС573РР3 технологическая ножка 26
должна быть не подключена)

*** Зарубежные аналоги STATIC RAM ***
 STATIC RAM

STATIC RAM	Аналог
6116 (2К*8)	5516 6117 D449C 5116
6264 (8К*8)	4364 4464 8464 5164 5864
62256 (32К*8)	65256 84256 51256 58256
621000 (128К*8)	51018 628128 581000
624000 (512К*8)	5С4008

*** Серия 8748 (EPROM) ***

Тип	Аналог
8741 (1 КБ) КР1830ВЕ48 (80С48)	8641
КР1850ВЕ48 (80С48) 8742 (2 КБ)	8642
8748 (1 КБ) КР1835ВЕ49 (80С49)	КМ1816ВЕ48 КМ1830ВЕ48 (87С48) КА1835ВЕ49 (80С49)
8749 (2 КБ) КР1850ВЕ50 (80С50)	
8750 (4 КБ)	

*** Серия 8751 (EPROM) ***

Тип	Аналог
8751 (4 КБ) КР1830ВЕ51 (80С51)	8744 КМ1816ВЕ51 КМ1816ВЕ751

*** Отечественные аналоги

STATIC RAM	Аналог
6116 (2К*8)	КР537РУ8
6116 (2К*8)	КР537РУ10
6116 (2К*8)	КМ581РУ5
6264 (8К*8)	КР537РУ17

*** Серия 8048 (MASK) ***

Тип	Аналог
8048 (1 КБ)	
8049 (2 КБ)	КР1816ВЕ49,
8050 (4 КБ)	

*** Серия 8051 (MASK) ***

Тип	Аналог
8051 (4 КБ)	КР1816ВЕ51

KM1830BE751 (87C51)
KP1835BE51 (80C51)

8752 (8 KB) 8753
 KM1830BE753 (87C53)

8052 (8 KB)

*** EPROM 2516 2532 2564 ***

Тип EPROM Напряжение
PGM

2516 (2 КБ) Vpp=25V
50мс

2532 (4 КБ) Vpp=25V
25*1мс

2532A (4 КБ) Vpp=21V

2564 (8 КБ) Vpp=25V/21V

2564A (8 КБ) Vpp=21V

*** EEPROM ***

Тип EEPROM Напряжение PGM

2804 (512 Б) Vpp=21V 10мс

2816 (2 КБ) Vpp=21V 10мс

2817A (2 КБ) Vpp=5V 10мс

2864 (8 КБ) Vpp=21V 10мс

2864A (8 КБ) Vpp=5V 10мс

48016 (2 КБ) Vpp=25V 10мс
сигналов ***

52864 (8 КБ) Vpp=21V 10мс
PGM

50мс

*** МИКРОКОНТРОЛЛЕРЫ ***

8741, 8742, 8641, 8642 Vpp - 21V, с буквой "А" - 25V.

8741АН, 8742АН Vpp - 12.5V.

87С41, 87С42, Vpp - 12.5V.

8748, 8749, 8750 Vpp - 25V, с буквой "Н" - 21V.

*** 8755 87С55 ***

Тип Напряжение

8755 (2 КБ) Vpp=25V

87С55 (2 КБ) Vpp 21V

*** EEPROM FLASH ***

Тип EEPROM Напряжение

28F256 (32 КБ) Vpp=12V

28F512 (64 КБ) Vpp=12V

28F010 (128 КБ) Vpp=12V

28F020 (256 КБ) Vpp=12V

*** Процессор обработки

Тип Vpp

КМ1813ВЕ1 (1152*4) 25V

(аналог intel 2920)

8744, 8751, 8752	Vpp - 21V, с буквой "BH" - 12.5V.
87C51, 87C52, 8753	Vpp - 12.5V
KM1816BE48	Vpp - 25V
KM1830BE48	Vpp - 21V ?
KM1816BE51, KM1816BE751	Vpp - 21V
KM1830BE751	Vpp - 12.5V
KM1830BE753	Vpp - 12.5V

*** Доколевка EPROM - микросхем ***

2716 / 2516			2 KB	2732			4 KB
A7	1	24	Vcc	A7	1	24	Vcc
A6	2	23	A8	A6	2	23	A8
A5	3	22	A9	A5	3	22	A9
A4	4	21	Vpp	A4	4	21	A11
A3	5	20	-OE	A3	5	20	-OE/Vpp
A2	6	19	A10	A2	6	19	A10
A1	7	18	-CE/+PGM	A1	7	18	-CE/-PGM
A0	8	17	D7	A0	8	17	D7
D0	9	16	D6	D0	9	16	D6
D1	10	15	D5	D1	10	15	D5
D2	11	14	D4	D2	11	14	D4
GND	12	13	D3	GND	12	13	D3
2532			4 KB	2764			8 KB
A7	1	24	Vcc	Vpp	1	28	Vcc
A6	2	23	A8	A12	2	27	-PGM
A5	3	22	A9	A7	3	26	NC
A4	4	21	Vpp	A6	4	25	A8
A3	5	20	-PD/-PGM	A5	5	24	A9
A2	6	19	A10	A4	6	23	A11
A1	7	18	A11	A3	7	22	-OE
A0	8	17	D7	A2	8	21	A10
D0	9	16	D6	A1	9	20	-CE
D1	10	15	D5	A0	10	19	D7
D2	11	14	D4	D0	11	18	D6
GND	12	13	D3	D1	12	17	D5
27128			16 KB	27256			32 KB
Vpp	1	28	Vcc	Vpp	1	28	Vcc
A12	2	27	-PGM	A12	2	27	A14
A7	3	26	A13	A7	3	26	A13
A6	4	25	A8	A6	4	25	A8
A5	5	24	A9	A5	5	24	A9
A4	6	23	A11	A4	6	23	A11
A3	7	22	-OE	A3	7	22	-OE
A2	8	21	A10	A2	8	21	A10
A1	9	20	-CE	A1	9	20	-CE/-PGM
A0	10	19	D7	A0	10	19	D7
D0	11	18	D6	D0	11	18	D6
D1	12	17	D5	D1	12	17	D5
D2	13	16	D4	D2	13	16	D4
GND	14	15	D3	GND	14	15	D3

64 KB			128 KB				
27512			27010				
A15	1	28	Vcc	Vpp	1	32	Vcc
A12	2	27	A14	A16	2	31	-PGM
A7	3	26	A13	A15	3	30	NC
A6	4	25	A8	A12	4	29	A14
A5	5	24	A9	A7	5	28	A13
A4	6	23	A11	A6	6	27	A8
A3	7	22	-OE/Vpp	A5	7	26	A9
A2	8	21	A10	A4	8	25	A11
A1	9	20	-CE/-PGM	A3	9	24	-OE
A0	10	19	D7	A2	10	23	A10
D0	11	18	D6	A1	11	22	-CE
D1	12	17	D5	A0	12	21	D7
D2	13	16	D4	D0	13	20	D6
GND	14	15	D3	D1	14	19	D5
				D2	15	18	D4
				GND	16	17	D3
256 KB			512 KB				
27020			27040				
Vpp	1	32	Vcc	Vpp	1	32	Vcc
A16	2	31	-PGM	A16	2	31	A18
A15	3	30	A17	A15	3	30	A17
A12	4	29	A14	A12	4	29	A14
A7	5	28	A13	A7	5	28	A13
A6	6	27	A8	A6	6	27	A8
A5	7	26	A9	A5	7	26	A9
A4	8	25	A11	A4	8	25	A11
A3	9	24	-OE	A3	9	24	-OE
A2	10	23	A10	A2	10	23	A10
A1	11	22	-CE	A1	11	22	-CE/-PGM
A0	12	21	D7	A0	12	21	D7
D0	13	20	D6	D0	13	20	D6
D1	14	19	D5	D1	14	19	D5
D2	15	18	D4	D2	15	18	D4
GND	16	17	D3	GND	16	17	D3
1024 KB							
27080							
A19	1	32	Vcc				
A16	2	31	A18				
A15	3	30	A17				
A12	4	29	A14				
A7	5	28	A13				
A6	6	27	A8				
A5	7	26	A9				
A4	8	25	A11				
A3	9	24	-OE/Vpp				
A2	10	23	A10				
A1	11	22	-CE/-PGM				
A0	12	21	D7				
D0	13	20	D6				
D1	14	19	D5				
D2	15	18	D4				



27513		64 KB	27011		128 KB		
-RST	1	28	V _{cc}	V _{pp} /-RST	1	28	V _{cc}
A12	2	27	-WE	A12	2	27	-WE/-PGM
A7	3	26	A13	A7	3	26	A13
A6	4	25	A8	A6	4	25	A8
A5	5	24	A9	A5	5	24	A9
A4	6	23	A11	A4	6	23	A11
A3	7	22	-OE/V _{pp}	A3	7	22	-OE
A2	8	21	A10	A2	8	21	A10
A1	9	20	-CE/-PGM	A1	9	20	-CE
A0	10	19	D7	A0	10	19	D7
B0/D0	11	18	D6	B0/D0	11	18	D6
B1/D1	12	17	D5	B1/D1	12	17	D5
D2	13	16	D4	B2/D2	13	16	D4
GND	14	15	D3	GND	14	15	D3
27C100		128 KB	2564		8 KB		
V _{pp}	1	32	V _{cc}	V _{pp}	1	28	V _{cc}
-OE	2	31	-PGM	-CS1	2	27	-CS2
A15	3	30	NC	A7	3	26	V _{cc}
A12	4	29	A14	A6	4	25	A8
A7	5	28	A13	A5	5	24	A9
A6	6	27	A8	A4	6	23	A12
A5	7	26	A9	A3	7	22	-PD/-PGM
A4	8	25	A11	A2	8	21	A10
A3	9	24	A16	A1	9	20	A11
A2	10	23	A10	A0	10	19	D7
A1	11	22	-CE	D0	11	18	D6
A0	12	21	D7	D1	12	17	D5
D0	13	20	D6	D2	13	16	D4
D1	14	19	D5	GND	14	15	D3
D2	15	18	D4				
GND	16	17	D3				

271024 128 KB				272048 256 KB			
Vpp	1	40	Vcc	Vpp	1	40	Vcc
-CE	2	39	-PGM	-CE	2	39	-PGM
D15	3	38	NC	D15	3	38	A16
D14	4	37	A15	D14	4	37	A15
D13	5	36	A14	D13	5	36	A14
D12	6	35	A13	D12	6	35	A13
D11	7	34	A12	D11	7	34	A12
D10	8	33	A11	D10	8	33	A11
D9	9	32	A10	D9	9	32	A10
D8	10	31	A9	D8	10	31	A9
GND	11	30	GND	GND	11	30	GND
D7	12	29	A8	D7	12	29	A8
D6	13	28	A7	D6	13	28	A7
D5	14	27	A6	D5	14	27	A6
D4	15	26	A5	D4	15	26	A5
D3	16	25	A4	D3	16	25	A4
D2	17	24	A3	D2	17	24	A3
D1	18	23	A2	D1	18	23	A2
D0	19	22	A1	D0	19	22	A1
-OE	20	21	A0	-OE	20	21	A0
274096 512 KB				8755/87C55 2 KB			
Vpp	1	40	Vcc	-CE1/PRG	1	40	Vcc
-CE/-PGM	2	39	A17	CE2	2	39	PB7
D15	3	38	A16	C	3	38	PB6
D14	4	37	A15	R	4	37	PB5
D13	5	36	A14	Vpp	5	36	PB4
D12	6	35	A13	RA	6	35	PB3
D11	7	34	A12	IO/-M	7	34	PB2
D10	8	33	A11	-IORD	8	33	PB1
D9	9	32	A10	-RD	9	32	PB0
D8	10	31	A9	-IOWR	10	31	PA7
GND	11	30	GND	ALE	11	30	PA6
D7	12	29	A8	AD0	12	29	PA5
D6	13	28	A7	AD1	13	28	PA4
D5	14	27	A6	AD2	14	27	PA3
D4	15	26	A5	AD3	15	26	PA2
D3	16	25	A4	AD4	16	25	PA1
D2	17	24	A3	AD5	17	24	PA0
D1	18	23	A2	AD6	18	23	A10
D0	19	22	A1	AD7	19	22	A9
-OE	20	21	A0	GND	20	21	A8

<p style="text-align: right;">4 КБ</p> <p style="text-align: center;">(Считывается, как 2532) 2332A</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">A7</td><td style="width: 10%; border: 1px solid black;">1</td><td style="width: 10%; border: 1px solid black;">24</td><td style="width: 10%;">Vcc</td></tr> <tr><td>A6</td><td style="border: 1px solid black;">2</td><td style="border: 1px solid black;">23</td><td>A8</td></tr> <tr><td>A5</td><td style="border: 1px solid black;">3</td><td style="border: 1px solid black;">22</td><td>A9</td></tr> <tr><td>A4</td><td style="border: 1px solid black;">4</td><td style="border: 1px solid black;">21</td><td>+CS</td></tr> <tr><td>A3</td><td style="border: 1px solid black;">5</td><td style="border: 1px solid black;">20</td><td>-CS</td></tr> <tr><td>A2</td><td style="border: 1px solid black;">6</td><td style="border: 1px solid black;">19</td><td>A10</td></tr> <tr><td>A1</td><td style="border: 1px solid black;">7</td><td style="border: 1px solid black;">18</td><td>A11</td></tr> <tr><td>A0</td><td style="border: 1px solid black;">8</td><td style="border: 1px solid black;">17</td><td>D7</td></tr> <tr><td>D0</td><td style="border: 1px solid black;">9</td><td style="border: 1px solid black;">16</td><td>D6</td></tr> <tr><td>D1</td><td style="border: 1px solid black;">10</td><td style="border: 1px solid black;">15</td><td>D5</td></tr> <tr><td>D2</td><td style="border: 1px solid black;">11</td><td style="border: 1px solid black;">14</td><td>D4</td></tr> <tr><td>GND</td><td style="border: 1px solid black;">12</td><td style="border: 1px solid black;">13</td><td>D3</td></tr> </table>	A7	1	24	Vcc	A6	2	23	A8	A5	3	22	A9	A4	4	21	+CS	A3	5	20	-CS	A2	6	19	A10	A1	7	18	A11	A0	8	17	D7	D0	9	16	D6	D1	10	15	D5	D2	11	14	D4	GND	12	13	D3	<p style="text-align: right;">4 КБ</p> <p style="text-align: center;">(Считывается, как 2732) 2332</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">A7</td><td style="width: 10%; border: 1px solid black;">1</td><td style="width: 10%; border: 1px solid black;">24</td><td style="width: 10%;">Vcc</td></tr> <tr><td>A6</td><td style="border: 1px solid black;">2</td><td style="border: 1px solid black;">23</td><td>A8</td></tr> <tr><td>A5</td><td style="border: 1px solid black;">3</td><td style="border: 1px solid black;">22</td><td>A9</td></tr> <tr><td>A4</td><td style="border: 1px solid black;">4</td><td style="border: 1px solid black;">21</td><td>A11</td></tr> <tr><td>A3</td><td style="border: 1px solid black;">5</td><td style="border: 1px solid black;">20</td><td>-CS</td></tr> <tr><td>A2</td><td style="border: 1px solid black;">6</td><td style="border: 1px solid black;">19</td><td>A10</td></tr> <tr><td>A1</td><td style="border: 1px solid black;">7</td><td style="border: 1px solid black;">18</td><td>-CS</td></tr> <tr><td>A0</td><td style="border: 1px solid black;">8</td><td style="border: 1px solid black;">17</td><td>D7</td></tr> <tr><td>D0</td><td style="border: 1px solid black;">9</td><td style="border: 1px solid black;">16</td><td>D6</td></tr> <tr><td>D1</td><td style="border: 1px solid black;">10</td><td style="border: 1px solid black;">15</td><td>D5</td></tr> <tr><td>D2</td><td style="border: 1px solid black;">11</td><td style="border: 1px solid black;">14</td><td>D4</td></tr> <tr><td>GND</td><td style="border: 1px solid black;">12</td><td style="border: 1px solid black;">13</td><td>D3</td></tr> </table>	A7	1	24	Vcc	A6	2	23	A8	A5	3	22	A9	A4	4	21	A11	A3	5	20	-CS	A2	6	19	A10	A1	7	18	-CS	A0	8	17	D7	D0	9	16	D6	D1	10	15	D5	D2	11	14	D4	GND	12	13	D3								
A7	1	24	Vcc																																																																																																						
A6	2	23	A8																																																																																																						
A5	3	22	A9																																																																																																						
A4	4	21	+CS																																																																																																						
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A1	7	18	-CS																																																																																																						
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GND	12	13	D3																																																																																																						
<p style="text-align: right;">8 КБ</p> <p style="text-align: center;">(Считывается, как 2564) 2364A</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">A7</td><td style="width: 10%; border: 1px solid black;">1</td><td style="width: 10%; border: 1px solid black;">24</td><td style="width: 10%;">Vcc</td></tr> <tr><td>A6</td><td style="border: 1px solid black;">2</td><td style="border: 1px solid black;">23</td><td>A8</td></tr> <tr><td>A5</td><td style="border: 1px solid black;">3</td><td style="border: 1px solid black;">22</td><td>A9</td></tr> <tr><td>A4</td><td style="border: 1px solid black;">4</td><td style="border: 1px solid black;">21</td><td>A12</td></tr> <tr><td>A3</td><td style="border: 1px solid black;">5</td><td style="border: 1px solid black;">20</td><td>-CS</td></tr> <tr><td>A2</td><td style="border: 1px solid black;">6</td><td style="border: 1px solid black;">19</td><td>A10</td></tr> <tr><td>A1</td><td style="border: 1px solid black;">7</td><td style="border: 1px solid black;">18</td><td>A11</td></tr> <tr><td>A0</td><td style="border: 1px solid black;">8</td><td style="border: 1px solid black;">17</td><td>D7</td></tr> <tr><td>D0</td><td style="border: 1px solid black;">9</td><td style="border: 1px solid black;">16</td><td>D6</td></tr> <tr><td>D1</td><td style="border: 1px solid black;">10</td><td style="border: 1px solid black;">15</td><td>D5</td></tr> <tr><td>D2</td><td style="border: 1px solid black;">11</td><td style="border: 1px solid black;">14</td><td>D4</td></tr> <tr><td>GND</td><td style="border: 1px solid black;">12</td><td style="border: 1px solid black;">13</td><td>D3</td></tr> </table>	A7	1	24	Vcc	A6	2	23	A8	A5	3	22	A9	A4	4	21	A12	A3	5	20	-CS	A2	6	19	A10	A1	7	18	A11	A0	8	17	D7	D0	9	16	D6	D1	10	15	D5	D2	11	14	D4	GND	12	13	D3	<p style="text-align: right;">128 КБ</p> <p style="text-align: center;">(Считывается, как 27100) 231000</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">A15</td><td style="width: 10%; border: 1px solid black;">1</td><td style="width: 10%; border: 1px solid black;">28</td><td style="width: 10%;">Vcc</td></tr> <tr><td>A12</td><td style="border: 1px solid black;">2</td><td style="border: 1px solid black;">27</td><td>A14</td></tr> <tr><td>A7</td><td style="border: 1px solid black;">3</td><td style="border: 1px solid black;">26</td><td>A13</td></tr> <tr><td>A6</td><td style="border: 1px solid black;">4</td><td style="border: 1px solid black;">25</td><td>A8</td></tr> <tr><td>A5</td><td style="border: 1px solid black;">5</td><td style="border: 1px solid black;">24</td><td>A9</td></tr> <tr><td>A4</td><td style="border: 1px solid black;">6</td><td style="border: 1px solid black;">23</td><td>A11</td></tr> <tr><td>A3</td><td style="border: 1px solid black;">7</td><td style="border: 1px solid black;">22</td><td>A16</td></tr> <tr><td>A2</td><td style="border: 1px solid black;">8</td><td style="border: 1px solid black;">21</td><td>A10</td></tr> <tr><td>A1</td><td style="border: 1px solid black;">9</td><td style="border: 1px solid black;">20</td><td>-CS</td></tr> <tr><td>A0</td><td style="border: 1px solid black;">10</td><td style="border: 1px solid black;">19</td><td>D7</td></tr> <tr><td>D0</td><td style="border: 1px solid black;">11</td><td style="border: 1px solid black;">18</td><td>D6</td></tr> <tr><td>D1</td><td style="border: 1px solid black;">12</td><td style="border: 1px solid black;">17</td><td>D5</td></tr> <tr><td>D2</td><td style="border: 1px solid black;">13</td><td style="border: 1px solid black;">16</td><td>D4</td></tr> <tr><td>GND</td><td style="border: 1px solid black;">14</td><td style="border: 1px solid black;">15</td><td>D3</td></tr> </table>	A15	1	28	Vcc	A12	2	27	A14	A7	3	26	A13	A6	4	25	A8	A5	5	24	A9	A4	6	23	A11	A3	7	22	A16	A2	8	21	A10	A1	9	20	-CS	A0	10	19	D7	D0	11	18	D6	D1	12	17	D5	D2	13	16	D4	GND	14	15	D3
A7	1	24	Vcc																																																																																																						
A6	2	23	A8																																																																																																						
A5	3	22	A9																																																																																																						
A4	4	21	A12																																																																																																						
A3	5	20	-CS																																																																																																						
A2	6	19	A10																																																																																																						
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GND	12	13	D3																																																																																																						
A15	1	28	Vcc																																																																																																						
A12	2	27	A14																																																																																																						
A7	3	26	A13																																																																																																						
A6	4	25	A8																																																																																																						
A5	5	24	A9																																																																																																						
A4	6	23	A11																																																																																																						
A3	7	22	A16																																																																																																						
A2	8	21	A10																																																																																																						
A1	9	20	-CS																																																																																																						
A0	10	19	D7																																																																																																						
D0	11	18	D6																																																																																																						
D1	12	17	D5																																																																																																						
D2	13	16	D4																																																																																																						
GND	14	15	D3																																																																																																						

*** Цоколевка EEPROM - микросхем ***

2804		0.5 КБ	2816/48016		2 КБ		
A7	1	24	Vcc	A7	1	24	Vcc
A6	2	23	A8	A6	2	23	A8
A5	3	22	NC	A5	3	22	A9
A4	4	21	Vpp	A4	4	21	Vpp
A3	5	20	-OE	A3	5	20	-OE
A2	6	19	NC	A2	6	19	A10
A1	7	18	-CE	A1	7	18	-CE
A0	8	17	D7	A0	8	17	D7
D0	9	16	D6	D0	9	16	D6
D1	10	15	D5	D1	10	15	D5
D2	11	14	D4	D2	11	14	D4
GND	12	13	D3	GND	12	13	D3
2864/52864		8 КБ					
Vpp	1	28	Vcc				
A12	2	27	-PGM				
A7	3	26	R/-B				
A6	4	25	A8				
A5	5	24	A9				
A4	6	23	A11				
A3	7	22	-OE				
A2	8	21	A10				
A1	9	20	-CE				
A0	10	19	D7				
D0	11	18	D6				
D1	12	17	D5				
D2	13	16	D4				
GND	14	15	D3				
KM558PP3		8 КБ					
Vpp	1	28	Vcc				
A12	2	27	PGM				
A7	3	26	-ER				
A6	4	25	A8				
A5	5	24	A9				
A4	6	23	A11				
A3	7	22	-OE				
A2	8	21	A10				
A1	9	20	-CE				
A0	10	19	D7				
D0	11	18	D6				
D1	12	17	D5				
D2	13	16	D4				
GND	14	15	D3				
KC1611PP2		32 КБ					
Vpp	1	28	Vcc				
A12	2	27	A14				
A7	3	26	A13				
A6	4	25	A8				
A5	5	24	A9				
A4	6	23	A11				
A3	7	22	-OE				
A2	8	21	A10				
A1	9	20	-CE/-PGM				
A0	10	19	D7				
D0	11	18	D6				
D1	12	17	D5				
D2	13	16	D4				
GND	14	15	D3				

2817A				2 KB	2864A				8 KB
R/-B	1	28	Vcc	R/-B	1	28	Vcc		
NC	2	27	-WE	A12	2	27	-WE		
A7	3	26	NC	A7	3	26	NC		
A6	4	25	A8	A6	4	25	A8		
A5	5	24	A9	A5	5	24	A9		
A4	6	23	NC	A4	6	23	A11		
A3	7	22	-OE	A3	7	22	-OE		
A2	8	21	A10	A2	8	21	A10		
A1	9	20	-CE	A1	9	20	-CE		
A0	10	19	D7	A0	10	19	D7		
D0	11	18	D6	D0	11	18	D6		
D1	12	17	D5	D1	12	17	D5		
D2	13	16	D4	D2	13	16	D4		
GND	14	15	D3	GND	14	15	D3		

*** Доколевка EEPROM FLASH - микросхем ***

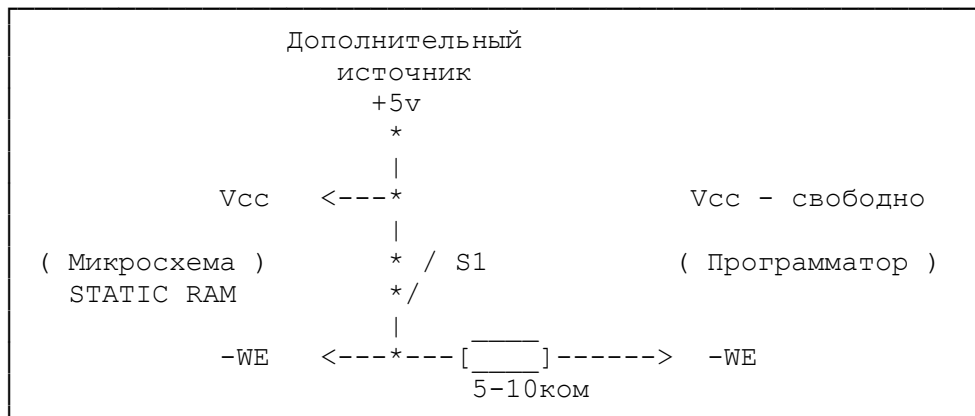
32 КБ				64 КБ			
28F256				28F512			
Vpp	1	32	Vcc	Vpp	1	32	Vcc
NC	2	31	-WE	NC	2	31	-WE
NC	3	30	NC	A15	3	30	NC
A12	4	29	A14	A12	4	29	A14
A7	5	28	A13	A7	5	28	A13
A6	6	27	A8	A6	6	27	A8
A5	7	26	A9	A5	7	26	A9
A4	8	25	A11	A4	8	25	A11
A3	9	24	-OE	A3	9	24	-OE
A2	10	23	A10	A2	10	23	A10
A1	11	22	-CE	A1	11	22	-CE
A0	12	21	D7	A0	12	21	D7
D0	13	20	D6	D0	13	20	D6
D1	14	19	D5	D1	14	19	D5
D2	15	18	D4	D2	15	18	D4
GND	16	17	D3	GND	16	17	D3
128 КБ				256 КБ			
28F010				28F020			
Vpp	1	32	Vcc	Vpp	1	32	Vcc
A16	2	31	-WE	A16	2	31	-WE
A15	3	30	NC	A15	3	30	A17
A12	4	29	A14	A12	4	29	A14
A7	5	28	A13	A7	5	28	A13
A6	6	27	A8	A6	6	27	A8
A5	7	26	A9	A5	7	26	A9
A4	8	25	A11	A4	8	25	A11
A3	9	24	-OE	A3	9	24	-OE
A2	10	23	A10	A2	10	23	A10
A1	11	22	-CE	A1	11	22	-CE
A0	12	21	D7	A0	12	21	D7
D0	13	20	D6	D0	13	20	D6
D1	14	19	D5	D1	14	19	D5
D2	15	18	D4	D2	15	18	D4
GND	16	17	D3	GND	16	17	D3

*** Доколевка STATIC RAM - микросхем ***

<p style="text-align: right;">2 КБ</p> <p style="text-align: center;">6116</p> <table border="1"> <tr><td>A7</td><td>1</td><td>24</td><td>Vcc</td></tr> <tr><td>A6</td><td>2</td><td>23</td><td>A8</td></tr> <tr><td>A5</td><td>3</td><td>22</td><td>A9</td></tr> <tr><td>A4</td><td>4</td><td>21</td><td>-WE</td></tr> <tr><td>A3</td><td>5</td><td>20</td><td>-OE</td></tr> <tr><td>A2</td><td>6</td><td>19</td><td>A10</td></tr> <tr><td>A1</td><td>7</td><td>18</td><td>-CS</td></tr> <tr><td>A0</td><td>8</td><td>17</td><td>D7</td></tr> <tr><td>D0</td><td>9</td><td>16</td><td>D6</td></tr> <tr><td>D1</td><td>10</td><td>15</td><td>D5</td></tr> <tr><td>D2</td><td>11</td><td>14</td><td>D4</td></tr> <tr><td>GND</td><td>12</td><td>13</td><td>D3</td></tr> </table>	A7	1	24	Vcc	A6	2	23	A8	A5	3	22	A9	A4	4	21	-WE	A3	5	20	-OE	A2	6	19	A10	A1	7	18	-CS	A0	8	17	D7	D0	9	16	D6	D1	10	15	D5	D2	11	14	D4	GND	12	13	D3	<p style="text-align: right;">8 КБ</p> <p style="text-align: center;">6264</p> <table border="1"> <tr><td>NC</td><td>1</td><td>28</td><td>Vcc</td></tr> <tr><td>A12</td><td>2</td><td>27</td><td>-WE</td></tr> <tr><td>A7</td><td>3</td><td>26</td><td>CS2</td></tr> <tr><td>A6</td><td>4</td><td>25</td><td>A8</td></tr> <tr><td>A5</td><td>5</td><td>24</td><td>A9</td></tr> <tr><td>A4</td><td>6</td><td>23</td><td>A11</td></tr> <tr><td>A3</td><td>7</td><td>22</td><td>-OE</td></tr> <tr><td>A2</td><td>8</td><td>21</td><td>A10</td></tr> <tr><td>A1</td><td>9</td><td>20</td><td>-CS1</td></tr> <tr><td>A0</td><td>10</td><td>19</td><td>D7</td></tr> <tr><td>D0</td><td>11</td><td>18</td><td>D6</td></tr> <tr><td>D1</td><td>12</td><td>17</td><td>D5</td></tr> <tr><td>D2</td><td>13</td><td>16</td><td>D4</td></tr> <tr><td>GND</td><td>14</td><td>15</td><td>D3</td></tr> </table>	NC	1	28	Vcc	A12	2	27	-WE	A7	3	26	CS2	A6	4	25	A8	A5	5	24	A9	A4	6	23	A11	A3	7	22	-OE	A2	8	21	A10	A1	9	20	-CS1	A0	10	19	D7	D0	11	18	D6	D1	12	17	D5	D2	13	16	D4	GND	14	15	D3																
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Микросхемы STATIC RAM можно использовать при отладке программ вместо EPROM - микросхем. Для сохранения записанной в них информации необходимо микросхему установить в программатор через переходную панельку, в которой ножки Vcc и -WE следует подсоединить по приведенной схеме. Запись в STATIC RAM производится в режиме "Тест STATIC RAM", код из буфера. Выключатель S1 необходимо включить по окончании режима записи.



*** Доколевка микроконтроллеров ***

1-4 КБ				4-8 КБ			
8748-8750				8751/8752/8753			
(8741/8742)							
TO	1	40	Vcc	P10	1	40	Vcc
CR1	2	39	T1	P11	2	39	P00
CR2	3	38	P27	P12	3	38	P01
CLR	4	37	P26	P13	4	37	P02
SS	5	36	P25	P14	5	36	P03
INT	6	35	P24	P15	6	35	P04
EMA	7	34	P17	P16	7	34	P05
R	8	33	P16	P17	8	33	P06
PME	9	32	P15	RST/VPD	9	32	P07
W	10	31	P14	(RXD) P30	10	31	-EA/Vpp
ALE	11	30	P13	(TXD) P31	11	30	ALE/-
PROG	12	29	P12	(-INT0) P32	12	29	-PSEN
DB0	13	28	P11	(-INT1) P33	13	28	P27
DB2	14	27	P10	(T0) P34	14	27	P26
DB3	15	26	Vdd	(T1) P35	15	26	P25
DB4	16	25	PRG	(-WR) P36	16	25	P24
DB5	17	24	P23	(-RD) P37	17	24	P23
DB6	18	23	P22	XTAL2	18	23	P22
DB7	19	22	P21	XTAL1	19	22	P21
GND	20	21	P20	GND	20	21	P20

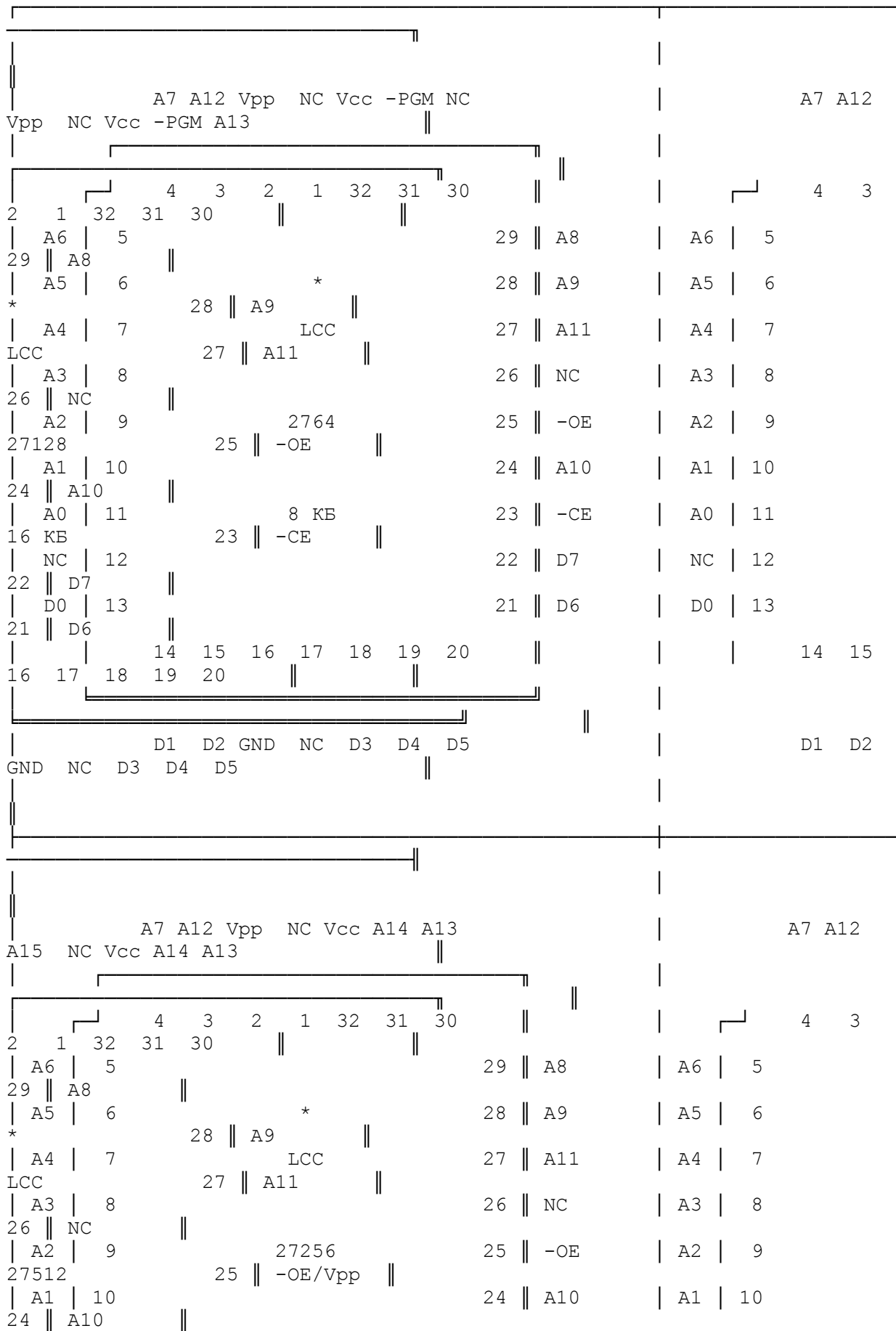
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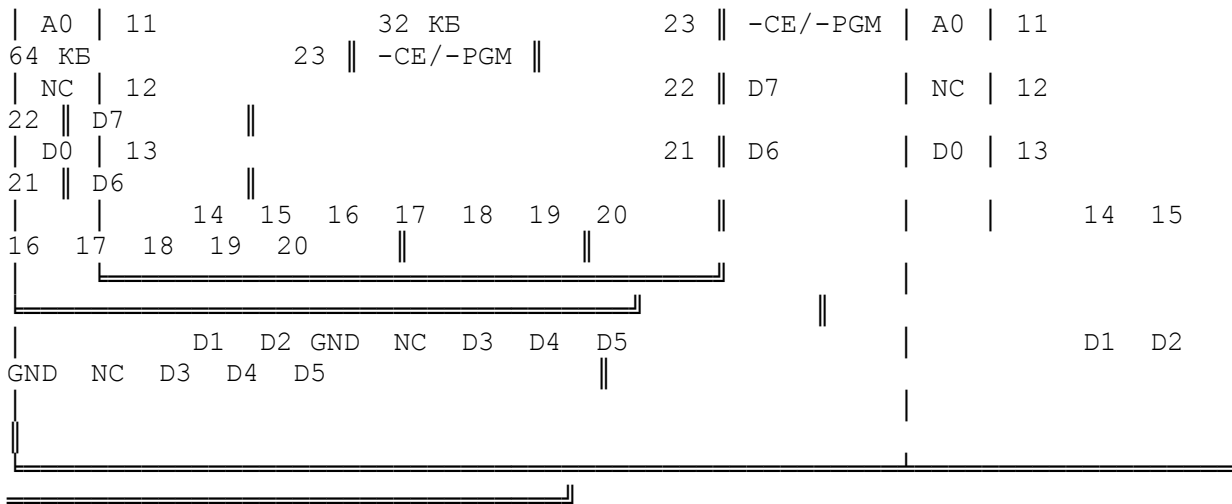
1152 * 4 Бит

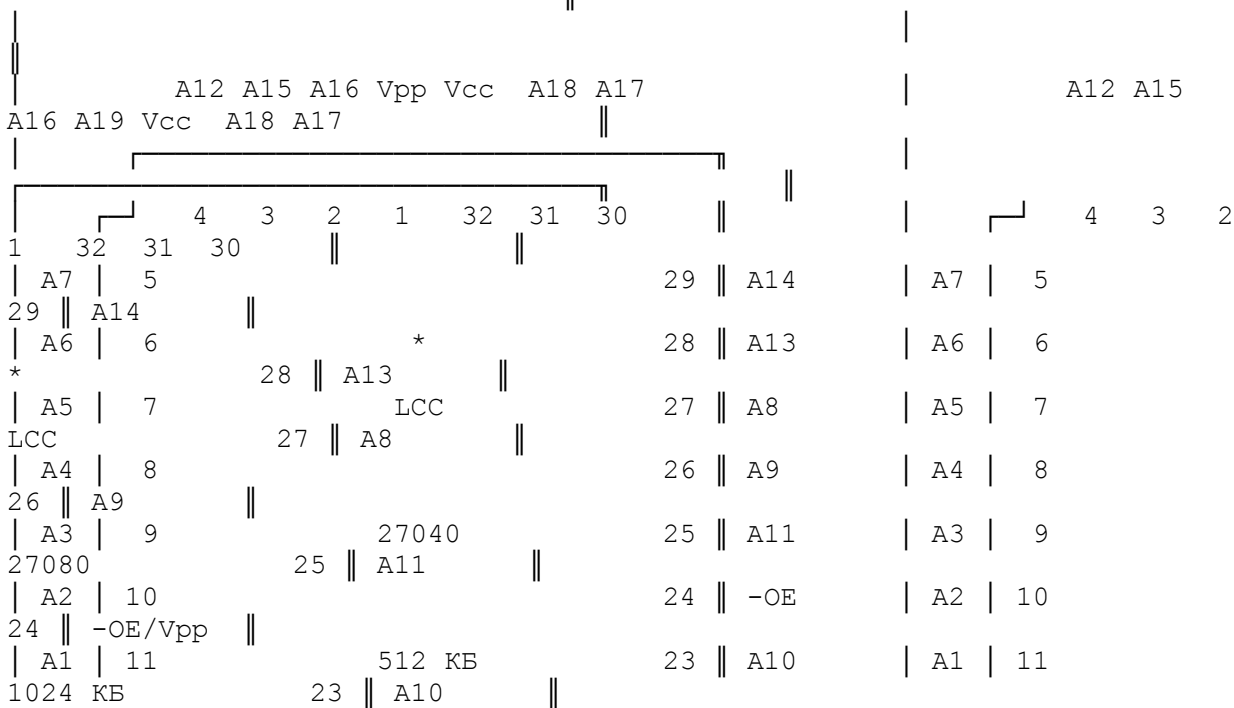
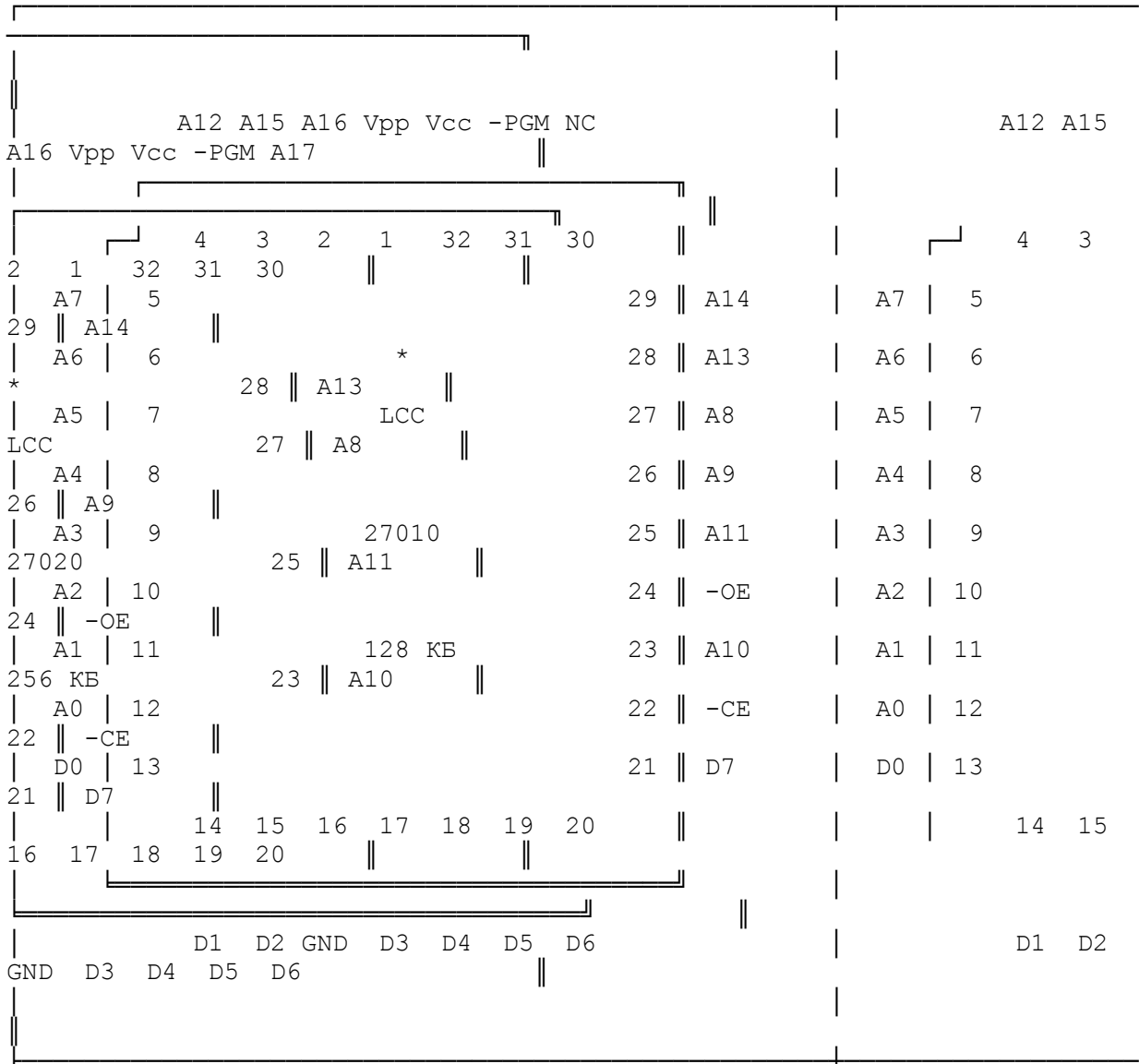
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(intel 2920)

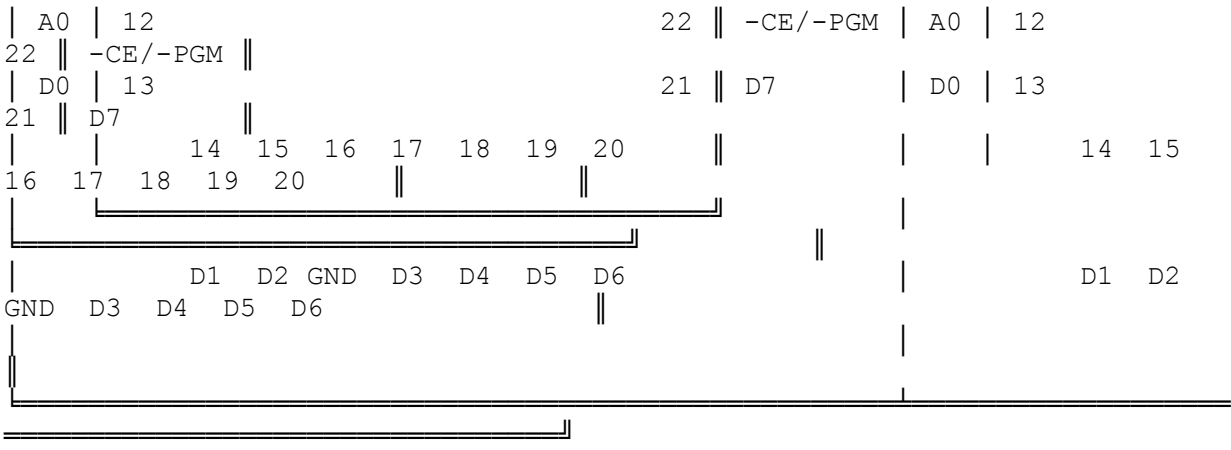
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OUT4	2	27	OUT1
OUT5	3	26	OUT0
GND	4	25	M1
OUT6	5	24	M2
OUT7	6	23	GND
C1	7	22	-OF
+Uоп	8	21	-RST/-EOP
C2	9	20	GND
IN0/-DI	10	19	-CCLK
IN3/-DO	11	18	-Uп2
+Uп1	12	17	GND
IN2/-RD	13	16	CR2
IN1/-WR	14	15	CR1

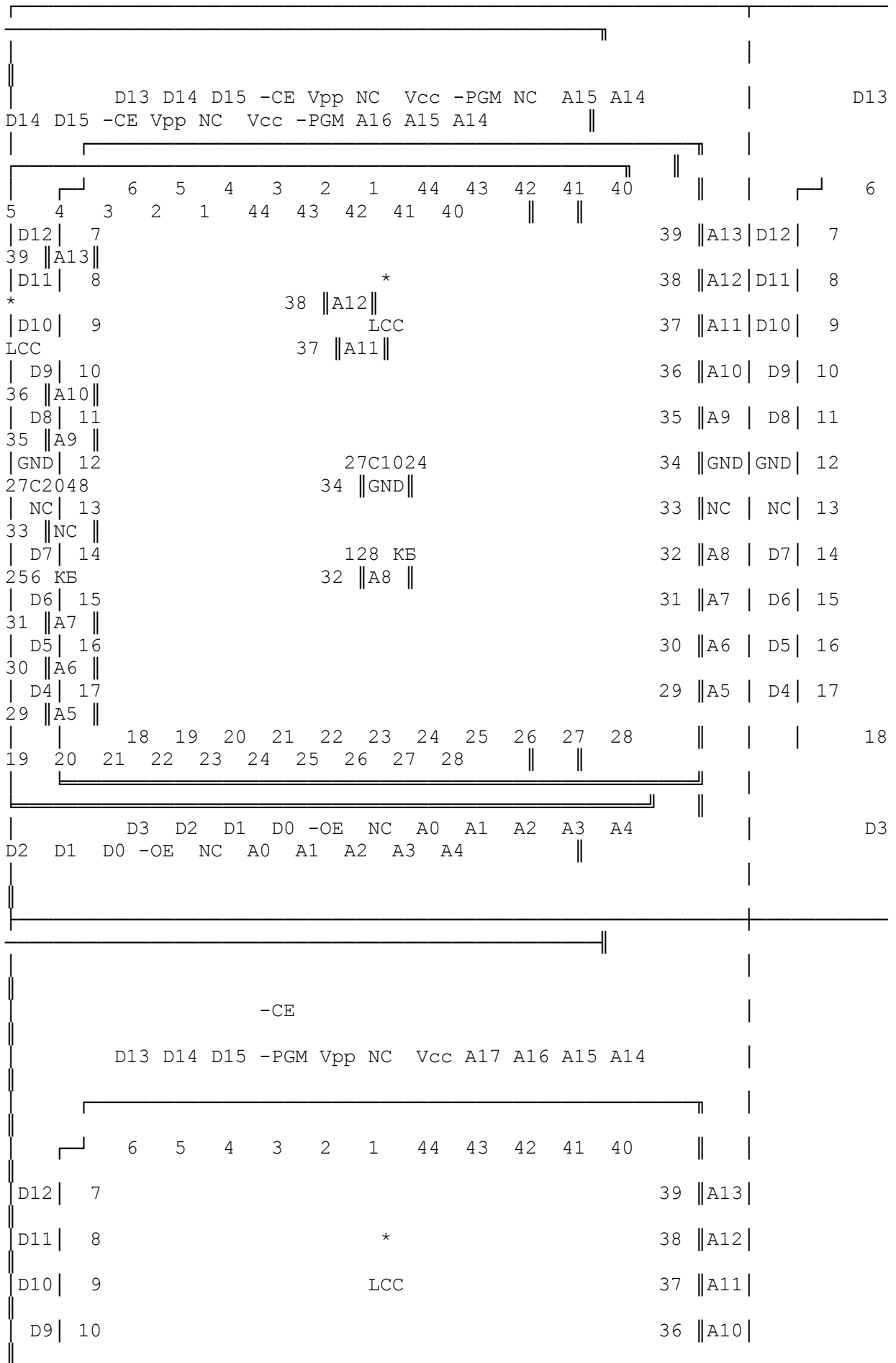
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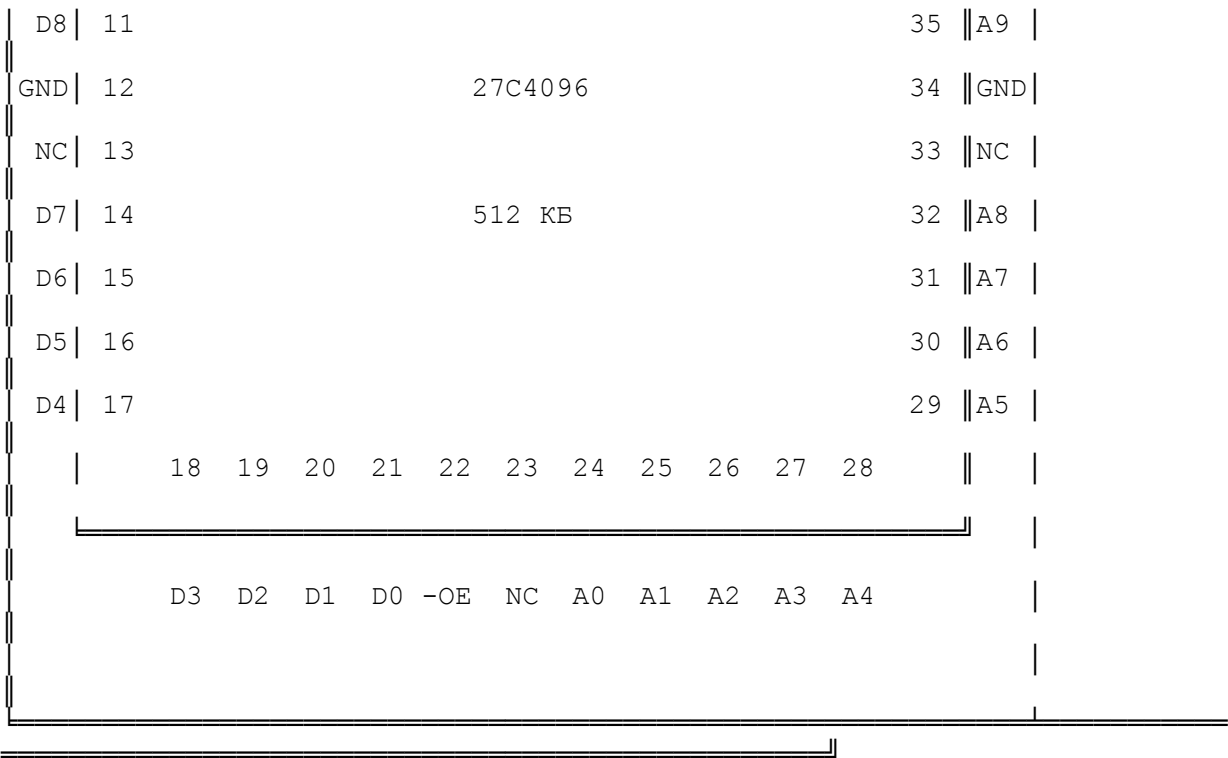




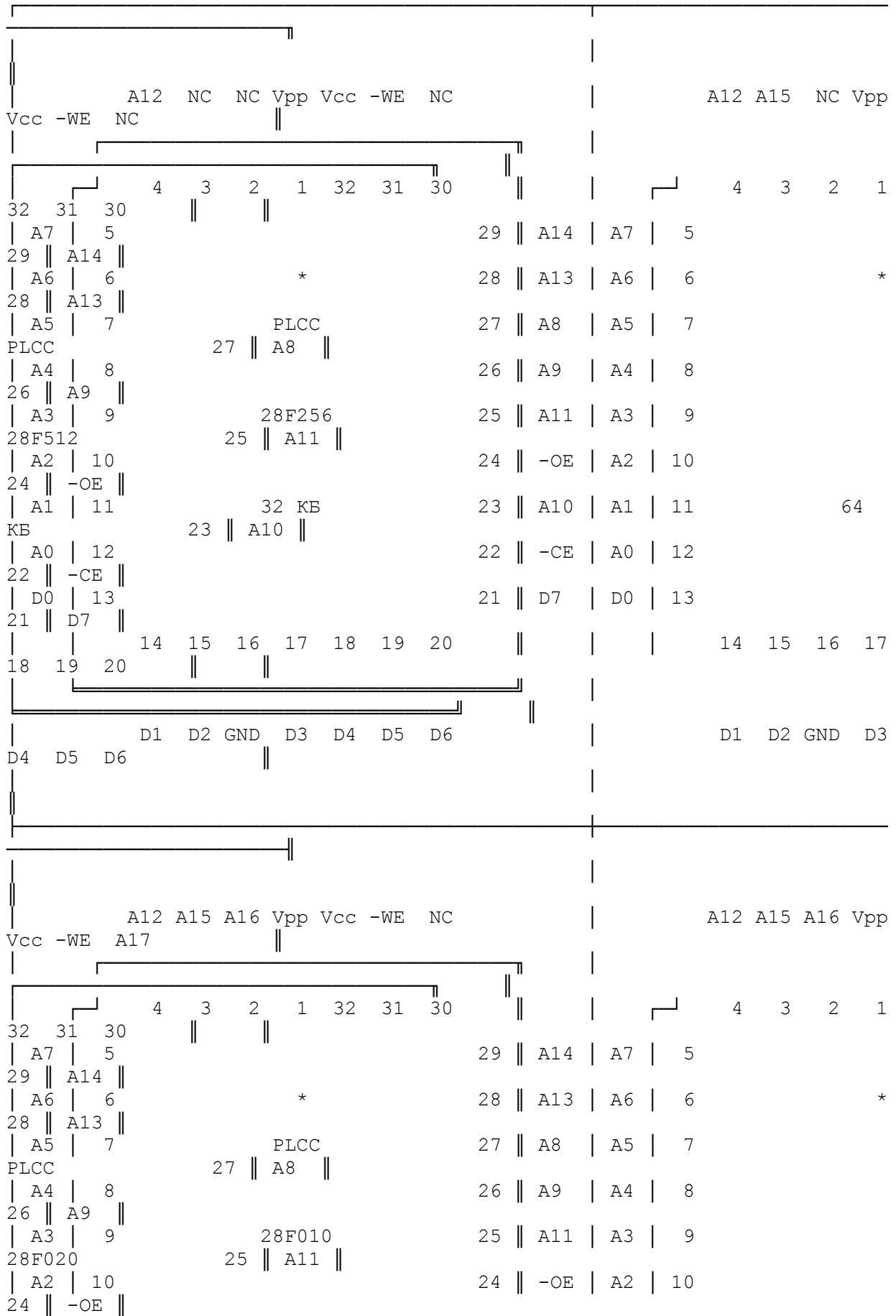


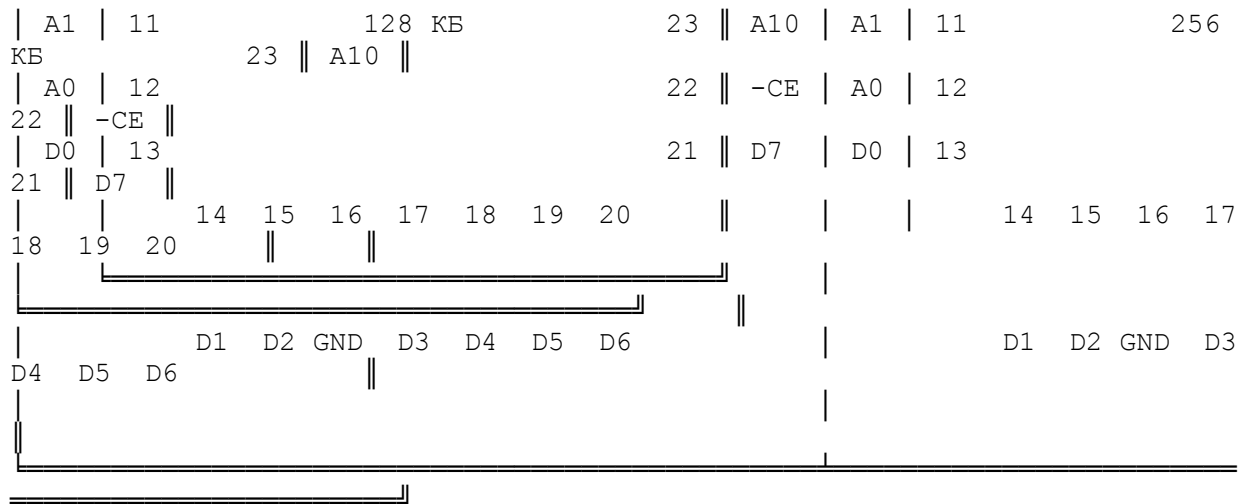




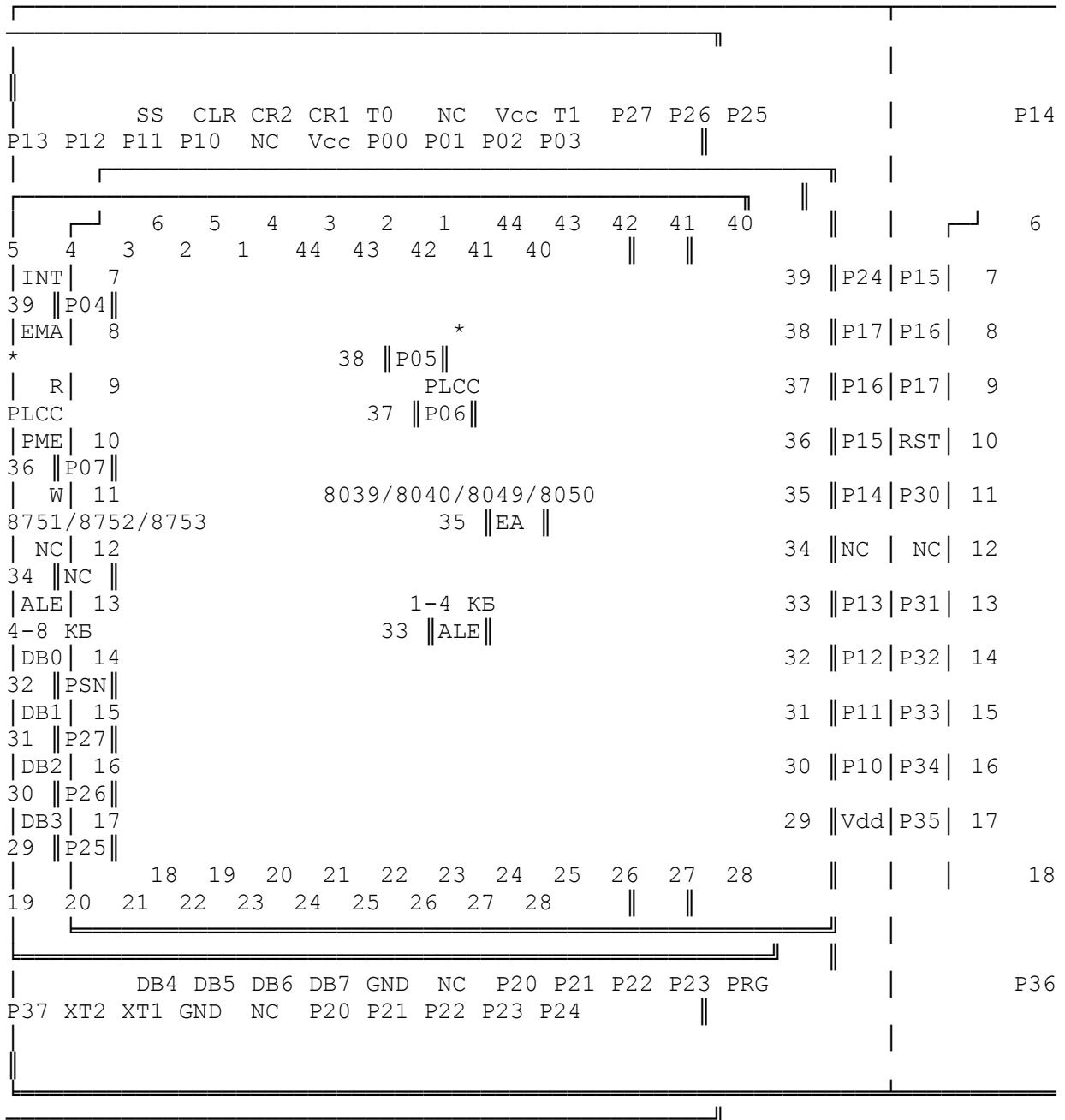


*** Цоколевка PLCC FLASH EEPROM - микросхем ***





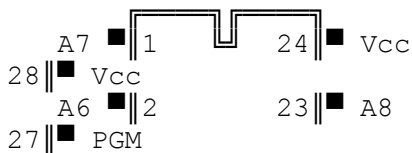
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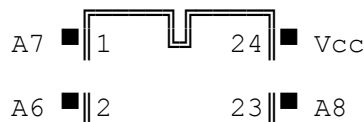
LEAP MULTI-CHIP PROGRAMMER CARD LEAP-101A/1 Ver1.5 (C)1989

DEVI CE PI N CONF I GURATI ON

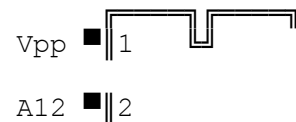
EPROM 2716 2K x 8bit
8bit

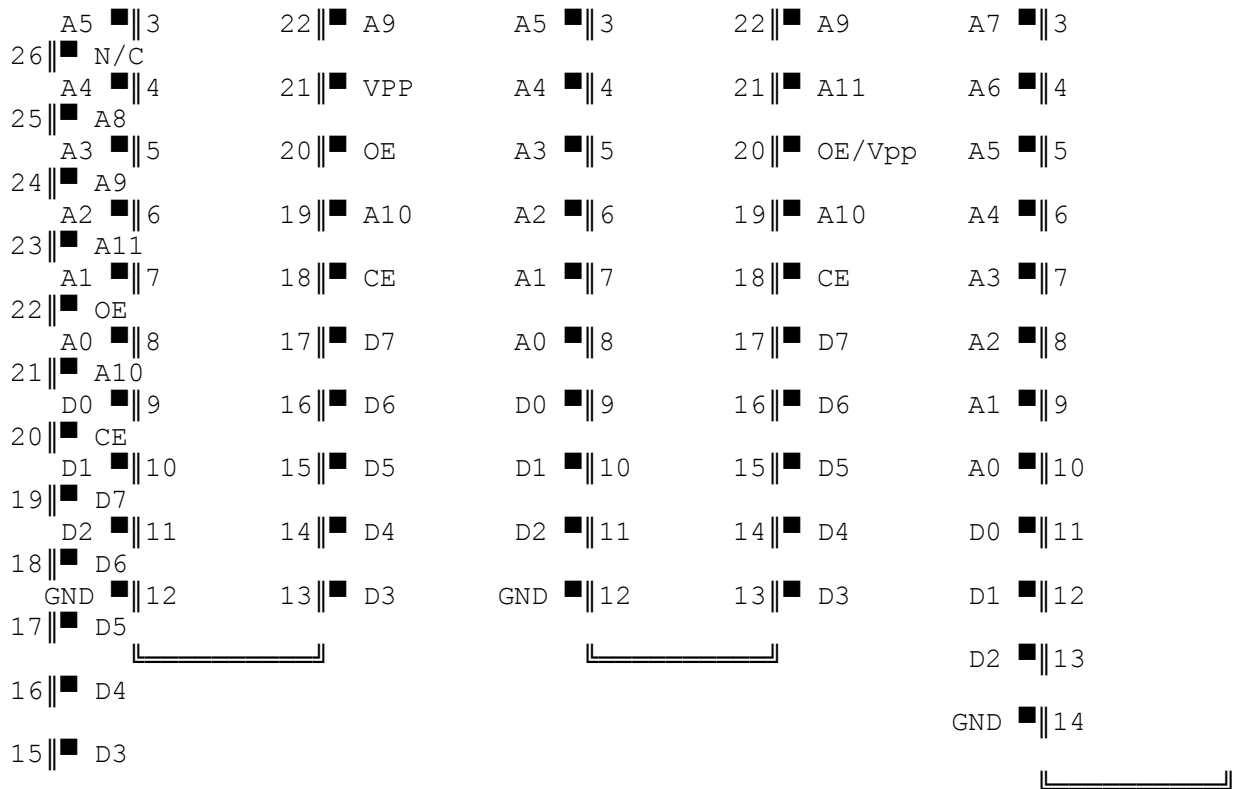


EPROM 2732 4K x 8bit

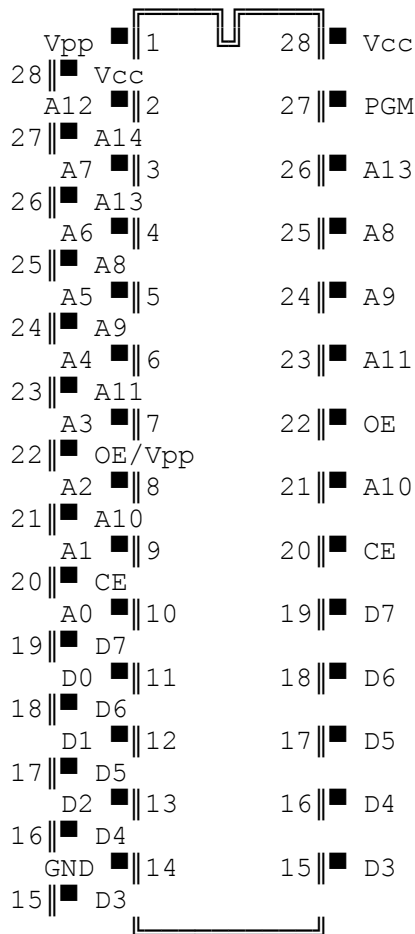


EPROM 2764 8K x

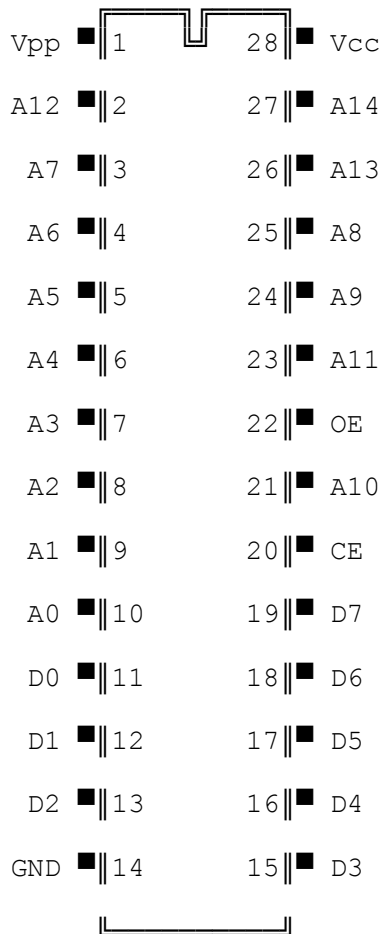




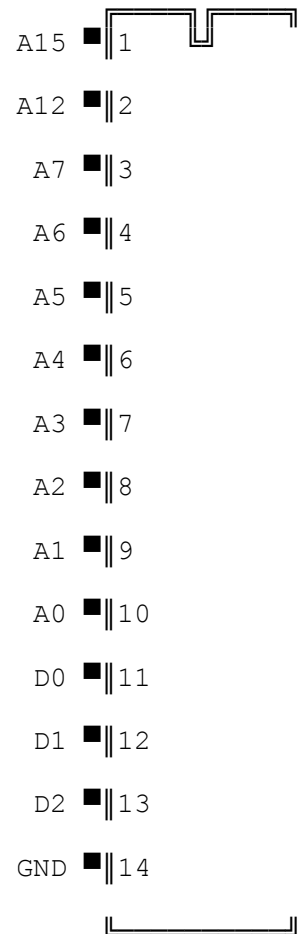
EPROM 27128 16K x 8bit x 8bit



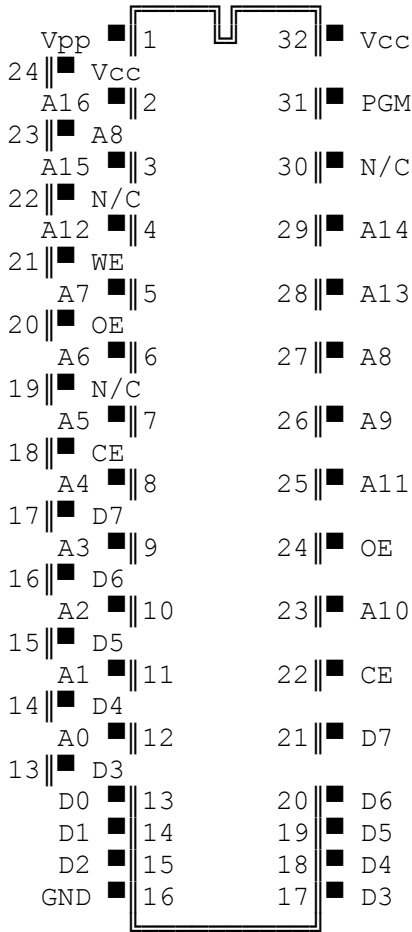
EPROM 27256 32K x 8bit



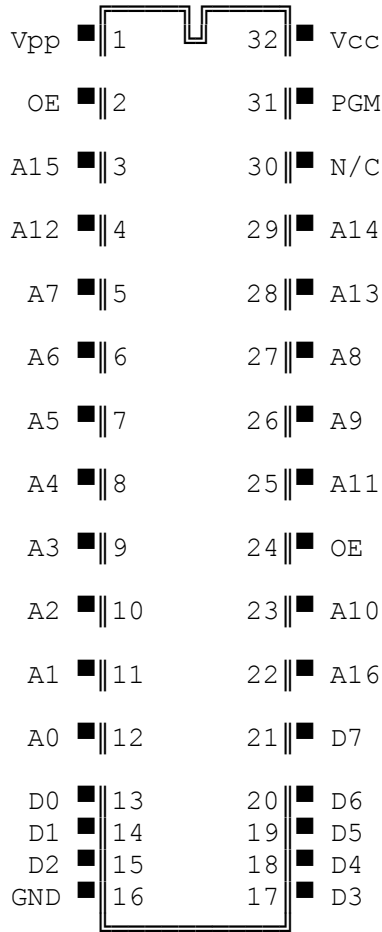
EPROM 27512 64K



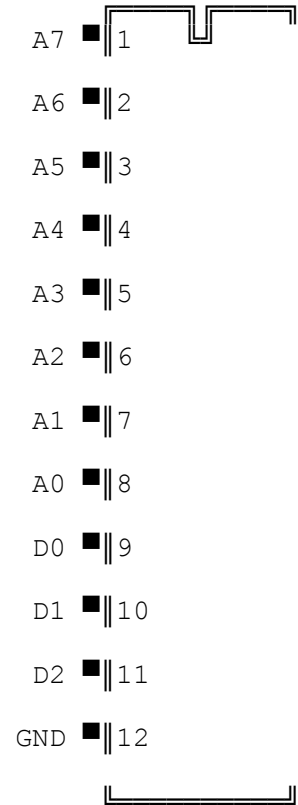
EPROM 27101 128K x 8bit
8bit



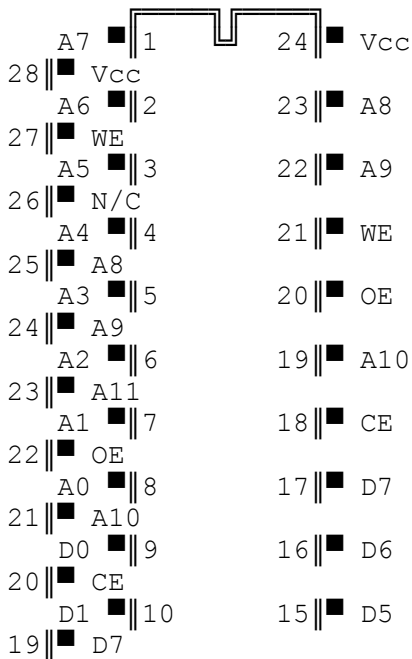
EPROM 27301 128K x 8bit



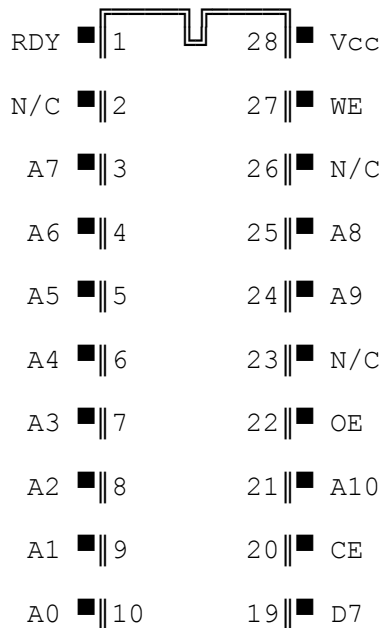
EPROM 2804 512 x



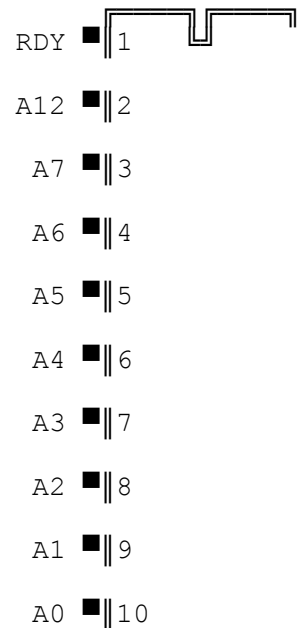
EPROM 2816 2K x 8bit
8bit

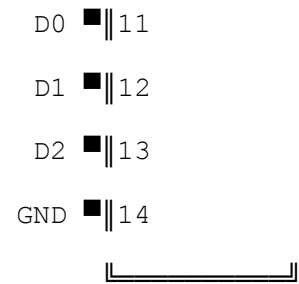
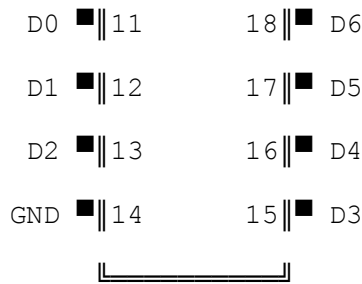


EPROM 2817 2K x 8bit



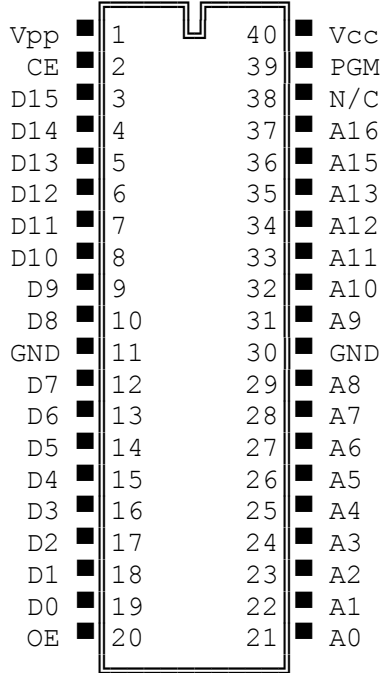
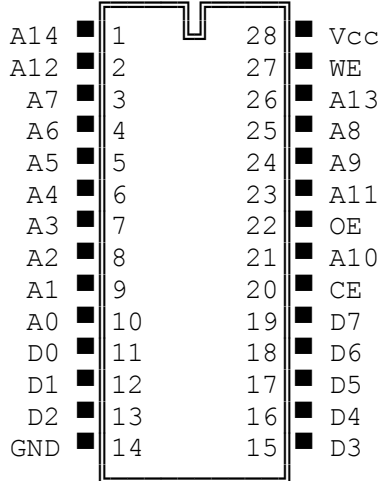
EPROM 2864 8K x





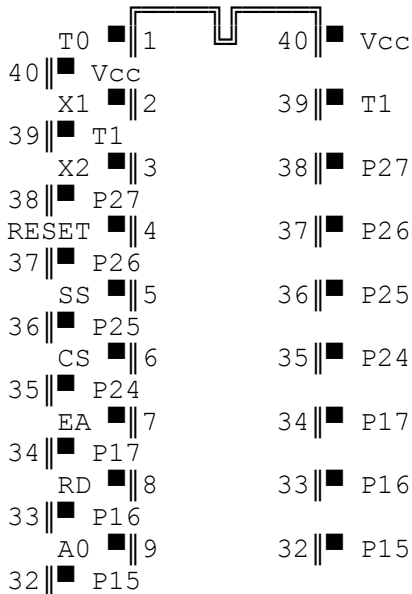
EPROM 271024 64K x16bit

EPROM 28256 32K x 8bit



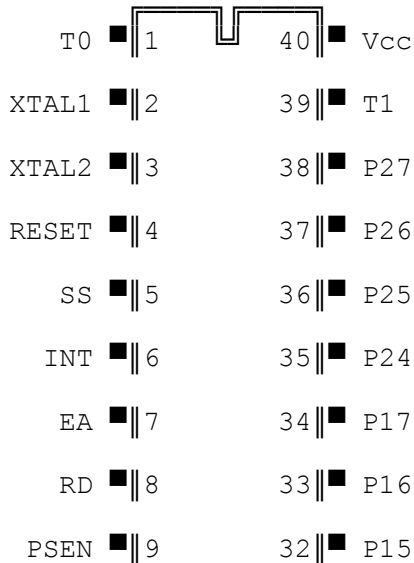
MCS-48 8741 1K x 8bit

MCS-48 8742 2K x 8bit

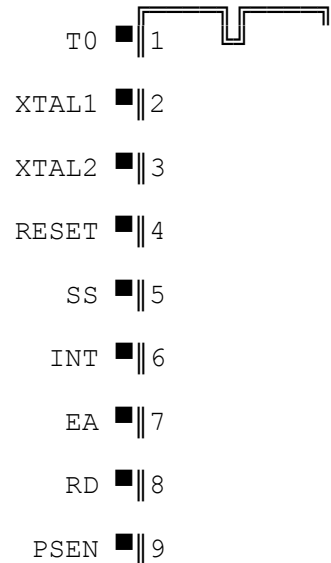


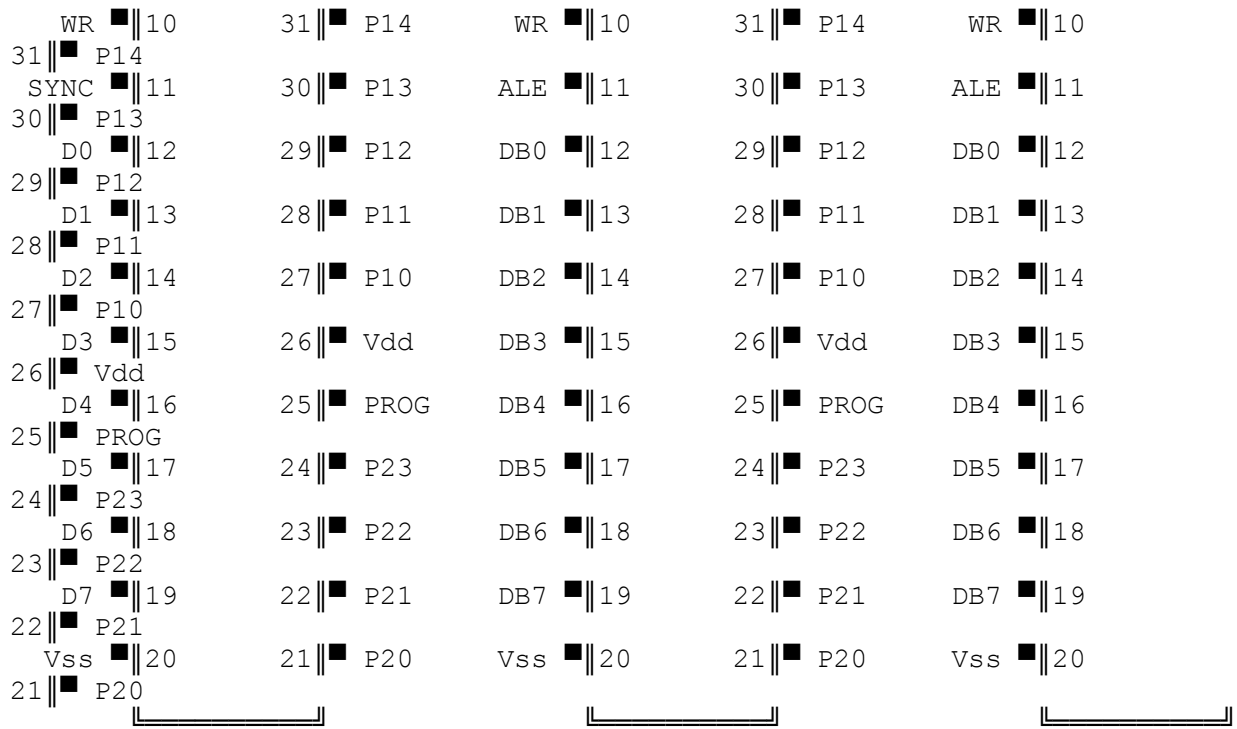
MCS-48 8748 1K x 8bit

MCS-48 8749 2K x 8bit

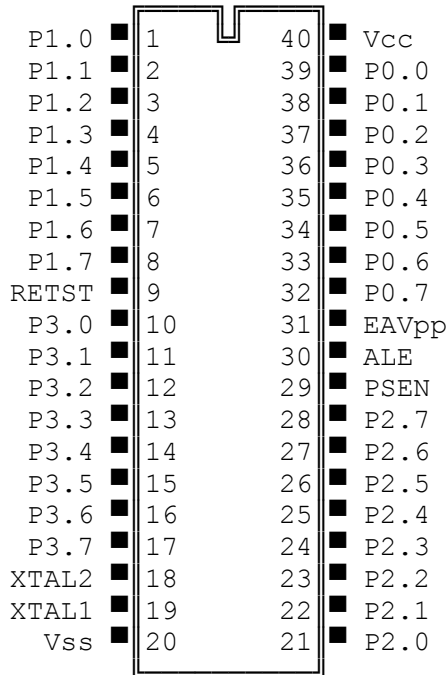


MCS-48 8750 4K x





MCS-51 8751 4K x 8bit
MCS-51 8752 8K x 8bit



□