

ATRIBUTY 22528-22783 16384-18431
 #5800-#581F 00
 #4000-#401F
 #4100-#411F
 #4200-#421F
 #4300-#431F
 #4400-#441F
 #4500-#451F
 #4600-#461F
 #4700-#471F
 #5820-#583F 01
 #4020-#403F
 #4120-#413F
 #4220-#423F
 #4320-#433F
 #4420-#443F
 #4520-#453F
 #4620-#463F
 #4720-#473F
 #5840-#585F 02
 #4040-#405F
 #4140-#415F
 #4240-#425F
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 #4640-#465F
 #4740-#475F
 #5860-#587F 03
 #4060-#407F
 #4160-#417F
 #4260-#427F
 #4360-#437F
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 #4560-#457F
 #4660-#467F
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 #4180-#419F
 #4280-#429F
 #4380-#439F
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 #4580-#459F
 #4680-#469F
 #4780-#479F
 #58A0-#58BF 05
 #40A0-#40BF
 #41A0-#41BF
 #42A0-#42BF
 #43A0-#43BF
 #44A0-#44BF
 #45A0-#45BF
 #46A0-#46BF
 #47A0-#47BF
 #58C0-#58DF 06
 #40C0-#40DF
 #41C0-#41DF
 #42C0-#42DF
 #43C0-#43DF
 #44C0-#44DF
 #45C0-#45DF
 #46C0-#46DF
 #47C0-#47DF
 #58E0-#58FF 07
 #40E0-#40FF
 #41E0-#41FF
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 #43E0-#43FF
 #44E0-#44FF
 #45E0-#45FF
 #46E0-#46FF
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ATRIBUTY 22784-23039 18432-20480
 #5900-#591F 08
 #4800-#481F
 #4900-#491F
 #4A00-#4A1F
 #4B00-#4B1F
 #4C00-#4C1F
 #4D00-#4D1F
 #4E00-#4E1F
 #4F00-#4F1F
 #5920-#593F 09
 #4820-#483F
 #4920-#493F
 #4A20-#4A3F
 #4B20-#4B3F
 #4C20-#4C3F
 #4D20-#4D3F
 #4E20-#4E3F
 #4F20-#4F3F
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 #4840-#485F
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 #4C40-#4C5F
 #4D40-#4D5F
 #4E40-#4E5F
 #4F40-#4F5F
 #5960-#597F 11
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 #4B60-#4B7F
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 #4F60-#4F7F
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 #4880-#489F
 #4980-#499F
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 #4B80-#4B9F
 #4C80-#4C9F
 #4D80-#4D9F
 #4E80-#4E9F
 #4F80-#4F9F
 #59A0-#59BF 13
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 #4BA0-#4BBF
 #4CA0-#4CBF
 #4DA0-#4DBF
 #4EA0-#4EBF
 #4FA0-#4FBF
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 #4BC0-#4BDF
 #4CC0-#4CDF
 #4DC0-#4DDF
 #4EC0-#4EDF
 #4FC0-#4FDF
 #59E0-#59FF 15
 #48E0-#48FF
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 #4CE0-#4CFF
 #4DE0-#4DFF
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ATRIBUTY 23040-23295 20480-22527
 #5A00-#5A1F 16
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 #5100-#511F
 #5200-#521F
 #5300-#531F
 #5400-#541F
 #5500-#551F
 #5600-#561F
 #5700-#571F
 #5A20-#5A3F 17
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 #5120-#513F
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 #5A60-#5A7F 19
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 #57C0-#57DF
 #5AE0-#5AFF 23
 #50E0-#50FF
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 #53E0-#53FF
 #54E0-#54FF
 #55E0-#55FF
 #56E0-#56FF
 #57E0-#57FF

ZX SPECTRUM VIDEO RAM MEMORY

RESOLUTION PIXELS

16384 - 22527
#4000 - #57FF

192
256

LEN: 2048B #0800
LEN: 2048B #0800
LEN: 2048B #0800

RAM 5/7:
49152 - 55295
#C000 - #D7FF

ALL PIXELS LEN: 6144B #1800
PIXELS + ATTR LEN: 6912B #1B00

RESOLUTION ATRIBUTS

22528 - 23295
#5800 - #5AFF

24
32

LEN: 768B #0300

RAM 5/7:
55296 - 56063
#D800 - #DAFF

MEMORY

16384 - 65535
#4000 - #FFFF

PERM.MIRROR

RAM 5

49152 - 65535
#C000 - #FFFF

VRAM0 -> OUT 32765,21
page.5 49152(#C000)

VRAM1 -> OUT 32765,31
page.7 49152(#C000)

VRAM 1

PAGE 7

49152 - 56063
#C000 - #DAFF

overlap
to
video

www.nairam.sk

nairam@nairam.sk 18.2.2004

PIX	PIX																															
	000	007	015	023	031	039	047	055	063	071	079	087	095	103	111	119	127	135	143	151	159	167	175	183	191	199	207	215	223	231	239	247
0	5800	5801	5802	5803	5804	5805	5806	5807	5808	5809	580A	580B	580C	580D	580E	580F	5810	5811	5812	5813	5814	5815	5816	5817	5818	5819	581A	581B	581C	581D	581E	581F
1	5820	5821	5822	5823	5824	5825	5826	5827	5828	5829	582A	582B	582C	582D	582E	582F	5830	5831	5832	5833	5834	5835	5836	5837	5838	5839	583A	583B	583C	583D	583E	583F
2	5840	5841	5842	5843	5844	5845	5846	5847	5848	5849	584A	584B	584C	584D	584E	584F	5850	5851	5852	5853	5854	5855	5856	5857	5858	5859	585A	585B	585C	585D	585E	585F
3	5860	5861	5862	5863	5864	5865	5866	5867	5868	5869	586A	586B	586C	586D	586E	586F	5870	5871	5872	5873	5874	5875	5876	5877	5878	5879	587A	587B	587C	587D	587E	587F
4	5880	5881	5882	5883	5884	5885	5886	5887	5888	5889	588A	588B	588C	588D	588E	588F	5890	5891	5892	5893	5894	5895	5896	5897	5898	5899	589A	589B	589C	589D	589E	589F
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7	58E0	58E1	58E2	58E3	58E4	58E5	58E6	58E7	58E8	58E9	58EA	58EB	58EC	58ED	58EE	58EF	58F0	58F1	58F2	58F3	58F4	58F5	58F6	58F7	58F8	58F9	58FA	58FB	58FC	58FD	58FE	58FF
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12	5980	5981	5982	5983	5984	5985	5986	5987	5988	5989	598A	598B	598C	598D	598E	598F	5990	5991	5992	5993	5994	5995	5996	5997	5998	5999	599A	599B	599C	599D	599E	599F
13	59A0	59A1	59A2	59A3	59A4	59A5	59A6	59A7	59A8	59A9	59AA	59AB	59AC	59AD	59AE	59AF	59B0	59B1	59B2	59B3	59B4	59B5	59B6	59B7	59B8	59B9	59BA	59BB	59BC	59BD	59BE	59BF
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17	5A20	5A21	5A22	5A23	5A24	5A25	5A26	5A27	5A28	5A29	5A2A	5A2B	5A2C	5A2D	5A2E	5A2F	5A30	5A31	5A32	5A33	5A34	5A35	5A36	5A37	5A38	5A39	5A3A	5A3B	5A3C	5A3D	5A3E	5A3F
18	5A40	5A41	5A42	5A43	5A44	5A45	5A46	5A47	5A48	5A49	5A4A	5A4B	5A4C	5A4D	5A4E	5A4F	5A50	5A51	5A52	5A53	5A54	5A55	5A56	5A57	5A58	5A59	5A5A	5A5B	5A5C	5A5D	5A5E	5A5F
19	5A60	5A61	5A62	5A63	5A64	5A65	5A66	5A67	5A68	5A69	5A6A	5A6B	5A6C	5A6D	5A6E	5A6F	5A70	5A71	5A72	5A73	5A74	5A75	5A76	5A77	5A78	5A79	5A7A	5A7B	5A7C	5A7D	5A7E	5A7F
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