
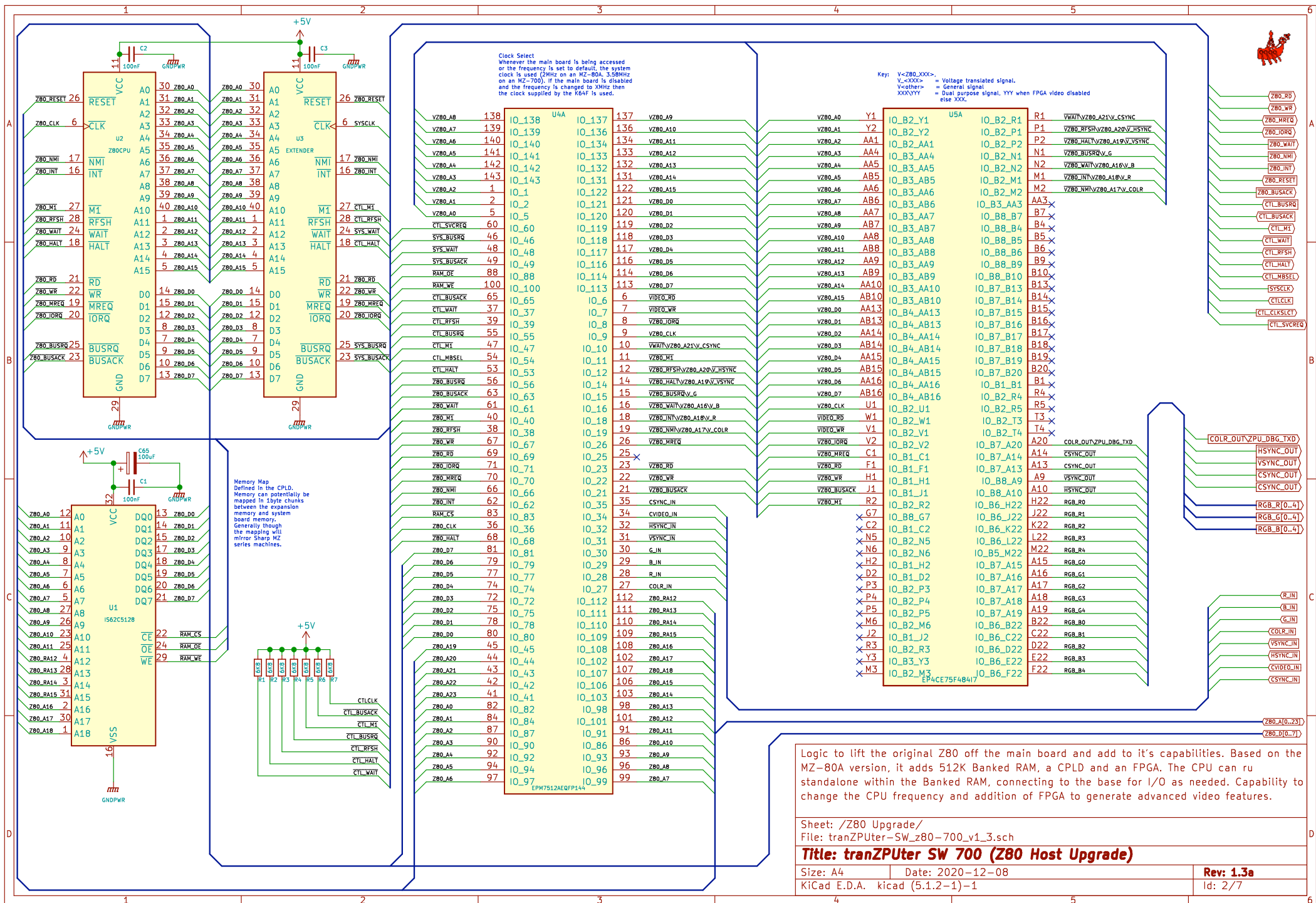


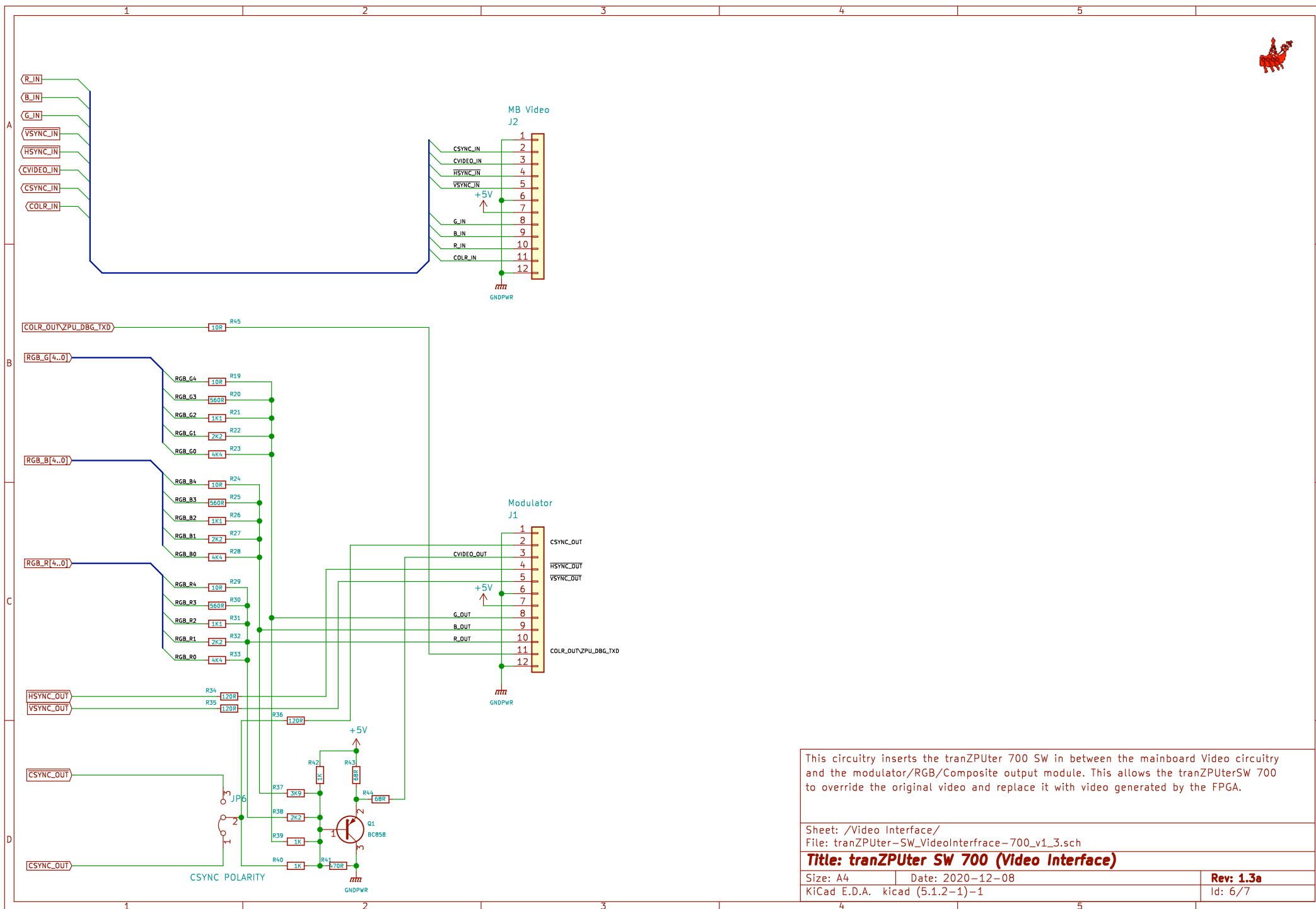
	1	2	3	4	5	6
A	<div>Sheet: Z80 Upgrade</div> <div></div> <div>File: tranZPUter-SW_z80-700_v1_3.sch</div>		<div>Sheet: NXP K64FX512</div> <div></div> <div>File: tranZPUter-SW_k64fx512-700_v1_3.sch</div>		<div>Sheet: Video Interface</div> <div></div> <div>File: tranZPUter-SW_VideoInterface-700_v1_3.sch</div>	
B	<div>Sheet: CPLD and FPGA Programming</div> <div></div> <div>File: tranZPUter-SW_CPLDFPGA_Programming-700_v1_3.sch</div>		<div>Sheet: Unused FPGA Blocks</div> <div></div> <div>File: tranZPUter-SW_FPGA2-700_v1_3.sch</div>		<div>Sheet: Power Supply</div> <div></div> <div>File: tranZPUter-SW_PowerSupply-700_v1_3.sch</div>	
C	<div>● LG1</div> <div>Argo Logo</div>					
D	<div></div>		<div>Capabilities upgrade for the Sharp MZ80A. Providing upgraded hardware and an optional MPU for provision of SD services to host, alternative soft processors, ZPUTA Menu System and additional resources to enhance the Sharp MZ80A.</div> <div>Sheet: / File: tranZPUter-SW-700_v1_3.sch</div> <div><div>Title: tranZPUter SW 700</div><div><div>Size: A4Date: 2020-06-19</div><div>KiCad E.D.A. kicad (5.1.2-1)-1</div><div>Rev: 1.3Id: 1/7</div></div></div>			
	1	2	3	4	5	6











This circuitry inserts the tranZPUter 700 SW in between the mainboard Video circuitry and the modulator/RGB/Composite output module. This allows the tranZPUterSW 700 to override the original video and replace it with video generated by the FPGA.		
Sheet: /Video Interface/ File: tranZPUter-SW_VideoInterface-700_v1_3.sch		
<b>Title: tranZPUter SW 700 (Video Interface)</b>		
Size: A4	Date: 2020-12-08	Rev: 1.3a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 6/7



<del>X</del> Y7	IO_B3_Y7	U58	IO_B5_N21	<del>N21</del>
<del>X</del> Y8	IO_B3_Y8		IO_B8_A4	<del>A4</del>
<del>X</del> B2	IO_B1_B2		IO_B5_P20	<del>P20</del>
<del>X</del> L6	IO_B2_L6		IO_B5_P21	<del>P21</del>
<del>X</del> E3	IO_B1_E3		IO_B8_A5	<del>A5</del>
<del>X</del> AB4	IO_B3_AB4		IO_B5_R17	<del>R17</del>
<del>X</del> F2	IO_B1_F2		IO_B5_R18	<del>R18</del>
<del>X</del> G3	IO_B1_G3		IO_B5_R19	<del>R19</del>
<del>X</del> G4	IO_B1_G4		IO_B5_R20	<del>R20</del>
<del>X</del> G5	IO_B1_G5		IO_B5_R21	<del>R21</del>
<del>X</del> H3	IO_B1_H3		IO_B8_A6	<del>A6</del>
<del>X</del> H4	IO_B1_H4		IO_B5_T17	<del>T17</del>
<del>X</del> H5	IO_B1_H5		IO_B5_T18	<del>T18</del>
<del>X</del> H6	IO_B1_H6		IO_B5_T19	<del>T19</del>
<del>X</del> H7	IO_B1_H7		IO_B5_T20	<del>T20</del>
<del>X</del> AB3	IO_B3_AB3		IO_B5_U19	<del>U19</del>
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<del>X</del> T15	IO_B4_T15		IO_B5_V22	<del>V22</del>
<del>X</del> T16	IO_B4_T16		IO_B5_W19	<del>W19</del>
<del>X</del> U12	IO_B4_U12		IO_B5_W20	<del>W20</del>
<del>X</del> U14	IO_B4_U14		IO_B5_W21	<del>W21</del>
<del>X</del> U15	IO_B4_U15		IO_B5_W22	<del>W22</del>
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<del>X</del> V13	IO_B4_V13		IO_B6_C20	<del>C20</del>
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<del>X</del> W15	IO_B4_W15		IO_B2_V3	<del>V3</del>
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<del>X</del> Y17	IO_B4_Y17		IO_B6_F20	<del>F20</del>
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<del>X</del> M16	IO_B5_M16		IO_B8_A8	<del>A8</del>
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<del>X</del> N18	IO_B5_N18		IO_B6_H20	<del>H20</del>
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<del>X</del> R22	IO_B5_R22		IO_B7_F14	<del>F14</del>
<del>X</del> K18	IO_B6_K18		IO_B7_F15	<del>F15</del>
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<del>X</del> AA20	IO_B4_AA20		IO_B3_Y6	<del>Y6</del>
<del>X</del> J3	IO_B1_J3		IO_B8_C10	<del>C10</del>
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<del>X</del> C15	IO_B7_C15		IO_B8_C8	<del>C8</del>
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Unused components of the Cyclone IV FPGA.

Sheet: /Unused FPGA Blocks/  
File: tranZPUter-SW\_FPGA2-700\_v1\_3.sch

**Title: tranZPUter SW 700 (FPGA 2)**

Size: A4

Date: 2020-12-08

Rev: 1.3a

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Id: 7/7