

| Контакт | Имя |
|---------|-----|
| +5V | 1 |
| +5V | 2 |
| GND | 3 |
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| +5V | 59 |
| +5V | 60 |

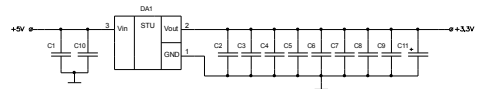
| Имя | Контакт | Имя | Контакт |
|--------|---------|--------|---------|
| A7 | 153 | LAB A | 197 |
| SBCK | 156 | LAB B | 198 |
| RA | 158 | LAB C | 199 |
| SDMOS | 160 | LAB D | 200 |
| MA14 | 161 | LAB E | 201 |
| SDCS | 162 | LAB F | 202 |
| RA16 | 163 | LAB G | 203 |
| WVRECM | 164 | LAB H | 204 |
| RA16 | 166 | LAB I | 205 |
| RB1 | 167 | LAB J | 206 |
| | | LAB K | 207 |
| | | LAB L | 208 |
| | | LAB M | 209 |
| | | LAB N | 210 |
| | | LAB O | 211 |
| | | LAB P | 212 |
| | | LAB Q | 213 |
| | | LAB R | 214 |
| | | LAB S | 215 |
| | | LAB T | 216 |
| | | LAB U | 217 |
| | | LAB V | 218 |
| | | LAB W | 219 |
| | | LAB X | 220 |
| | | LAB Y | 221 |
| | | LAB Z | 222 |
| | | LAB AA | 223 |
| | | LAB AB | 224 |
| | | LAB AC | 225 |
| | | LAB AD | 226 |
| | | LAB AE | 227 |
| | | LAB AF | 228 |
| | | LAB AG | 229 |
| | | LAB AH | 230 |
| | | LAB AI | 231 |
| | | LAB AJ | 232 |
| | | LAB AK | 233 |
| | | LAB AL | 234 |
| | | LAB AM | 235 |
| | | LAB AN | 236 |
| | | LAB AO | 237 |
| | | LAB AP | 238 |
| | | LAB AQ | 239 |
| | | LAB AR | 240 |
| | | LAB AS | 241 |
| | | LAB AT | 242 |
| | | LAB AU | 243 |
| | | LAB AV | 244 |
| | | LAB AW | 245 |
| | | LAB AX | 246 |
| | | LAB AY | 247 |
| | | LAB AZ | 248 |
| | | LAB BA | 249 |
| | | LAB BB | 250 |
| | | LAB BC | 251 |
| | | LAB BD | 252 |
| | | LAB BE | 253 |
| | | LAB BF | 254 |
| | | LAB BG | 255 |
| | | LAB BH | 256 |
| | | LAB BI | 257 |
| | | LAB BJ | 258 |
| | | LAB BK | 259 |
| | | LAB BL | 260 |
| | | LAB BM | 261 |
| | | LAB BN | 262 |
| | | LAB BO | 263 |
| | | LAB BP | 264 |
| | | LAB BQ | 265 |
| | | LAB BR | 266 |
| | | LAB BS | 267 |
| | | LAB BT | 268 |
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| Имя | Контакт |
|---------------|---------|
| Paleta Ass 2 | 1 |
| Paleta Ass 3 | 2 |
| Green 0 | 3 |
| Green 1 | 4 |
| Green 2 | 5 |
| Green 3 | 6 |
| Red 4 | 7 |
| Green 3 | 8 |
| AS | 9 |
| AS | 10 |
| Red 3 | 11 |
| Green 4 | 12 |
| Blue 0 | 13 |
| Blue 3 | 14 |
| Blue 1 | 15 |
| Blue 2 | 16 |
| Video Disable | 17 |
| Paleta Ass 7 | 18 |
| Paleta Ass 8 | 19 |
| Paleta Ass 9 | 20 |

| Имя | Контакт |
|-----------|---------|
| CD/DAT3 | 1 |
| MOS/CMO | 2 |
| VBS1 | 3 |
| VBI | 4 |
| CLK | 5 |
| VBS1 | 6 |
| MISO/DAT0 | 7 |
| DAT1 | 8 |
| DAT2 | 9 |
| DETECT | 10 |
| DETECT | 11 |

| Имя | Контакт |
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| TCK | 1 |
| TDO | 2 |
| +5V | 3 |
| TMS | 4 |
| TMS | 5 |
| TMS | 6 |
| TMS | 7 |
| TMS | 8 |
| TDI | 9 |
| GND | 10 |

| Имя | Контакт |
|-----|---------|
| GND | 1 |
| VL3 | 2 |
| VL1 | 3 |
| VL0 | 4 |
| R2 | 5 |
| R1 | 6 |
| CA1 | 7 |
| CA0 | 8 |
| CA0 | 9 |
| CA0 | 10 |
| CA0 | 11 |
| CA0 | 12 |
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| CA0 | 60 |



| | | | | ZXM-IGP1.0 | | | Лист | Масштаб |
|-----------|--------------|-------|------|---|--|--|------|---------|
| Изм/Лист | № докум. | Полн. | Дата | Схема принципиальная электрическая ZK Spectrum совместимого компьютера на базе платы материнского компьютера "IGP1" варианта 2002 года. | | | | Лист |
| Разраб. | (Author) | | | | | | | Листов |
| Проэ. | (Checked By) | | | | | | | Листов |
| Т. контр. | (T.Kont) | | | | | | | Листов |
| Н. контр. | (N.Kont) | | | | | | | Листов |
| Умк. | (Umk) | | | | | | | Листов |

Схема адаптирована под ZX Spectrum совместимый компьютер в 2015 году. Элементы отмеченные звездочкой являются дополнительными и в оригинальной схеме могут иметь совершенно другое назначение.

| <i>Позиц. Обозначение.</i> | <i>Наименование</i> |
|----------------------------|------------------------------|
| | <i>Микросхемы</i> |
| <i>DD1</i> | <i>EPM3256AQC208</i> |
| <i>DA1</i> | <i>LM1117DT-3,3</i> |
| | |
| | <i>Резисторы</i> |
| <i>R1...R4</i> | <i>RR0805 1,0 кОм</i> |
| <i>R5...R6</i> | <i>RR0805 10 кОм</i> |
| | |
| | <i>Конденсаторы</i> |
| <i>C1...C10</i> | <i>CC0805 0,1 мкФ</i> |
| <i>C11</i> | <i>K50 - 35 100мкФ x 16В</i> |
| | |
| | <i>Разъемы</i> |
| <i>XP1, XP3</i> | <i>PLD-60</i> |
| <i>XP2</i> | <i>PLD-20</i> |
| <i>XP4</i> | <i>BH-10R</i> |
| <i>XS1</i> | <i>104C-TAA0-R</i> |
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