




| № | Наименование | Корпус | Кол. | Поз. | Примечание |
|----|---|-----------|------|---|------------|
| 1 | Сборочный чертеж | | | | |
| | 2.140.243 rev.0 | | 1 | | |
| | ДЕТАЛИ | | | | |
| | ----- | | | | |
| 3 | Плата печатная | | | | |
| | 3.140.016 KSK_02v5 | | 1 | | |
| | ПРОЧИЕ ИЗДЕЛИЯ | | | | |
| | ----- | | | | |
| | Диоды | | | | |
| 5 | 1.5SMC300CA SMC | DO-214AB | 8 | VD12, VD24, VD36, VD48, VD60, VD72, VD84, VD96 | |
| 7 | MCL4448 MicroMELF Vishay | MicroMELF | 56 | VD2, VD3, VD5, VD10, VD11, VD14, VD15, VD17, VD22, VD23, VD26, VD27, VD29, VD34, VD35, VD38, VD39, VD41, VD46, VD47, VD50, VD51, VD53, VD58, VD59, VD62, VD63, VD65, VD70, VD71, VD74, VD75, VD77, VD82, VD83, VD86, VD87, VD89, VD94, VD95, VD119-VD126, VD131-VD138 | |
| 9 | MBR0520 Шоттки 20В 500мА SOD123 Fairchild Semiconductor | SOD123 | 16 | VD6, VD9, VD18, VD21, VD30, VD33, VD42, VD45, VD54, VD57, VD66, VD69, VD78, VD81, VD90, VD93 | |
| 11 | P6SMB300CA | DO-214AA | 16 | VD97-VD100, VD103-VD114 | |
| 13 | SMBJ48A | DO-214AA | 2 | VD101, VD102 | |
| 15 | SM6T30A DO-214AA | DO-214AA | 3 | VD127-VD129 | |
| 17 | STPS160U SMB STM | DO-214AA | 1 | VD115 | |
| 19 | TZMC15-GS08 Minimelf Vishay | MiniMelf | 1 | VD118 | |
| 21 | TZMC5V1 MiniMELF SOD-80 Vishay | MiniMelf | 35 | VD1, VD4, VD7, VD8, VD13, VD16, VD19, VD20, VD25, VD28, VD31, VD32, VD37, VD40, VD43, VD44, VD49, VD52, VD55, VD56, VD61, VD64, VD67, VD68, VD73, VD76, VD79, VD80, VD85, VD88, VD91, VD92, VD116, VD117, VD130 | |

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| Изм | Лист | № докум. | Подп. | Дата | Плата KSK_02v5 Спецификация | Лит. | Лист | Листов |
| Разраб. | Щеблыкин М.В |  | 04.02.15 | | | | 1 | 5 |
| Провер. | Вершинин А.С. |  | 04.02.15 | | | ООО «Прософт-Системы» | | |
| | | | | | | | | |
| Н.контр. | Назаренко А.Н. |  | 04.02.15 | | | | | |
| Утв. | Чирков А.Г. | | | | | | | |

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|----|---|---------|----|--|--|
| | | | | | |
| 25 | Индуктивность LQH43CN100K 650mA 10uH 10% 1812 Murata | 1812 | 1 | L1 | |
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| | <u>Конденсаторы</u> | | | | |
| | | | | | |
| 29 | 0603 NP0 50V 10pF 5% | 0603 | 8 | C1, C7, C13, C19, C25, C31, C37, C43 | |
| | | | | | |
| 31 | 0603 X7R 50V 0.01uF 10% | 0603 | 1 | C50 | |
| | | | | | |
| 33 | 0603 X7R 50V 0.033uF 10% | 0603 | 8 | C2, C8, C14, C20, C26, C32, C38, C44 | |
| | | | | | |
| 35 | 0805 X7R 50V 0.1uF 10% | 0805 | 1 | C52 | |
| | | | | | |
| 37 | 1206 NP0 50V 200pF 5% | 1206 | 8 | C3, C9, C15, C21, C27, C33, C39, C45 | |
| | | | | | |
| 39 | 1206 X7R 50V 1uF 10% | 1206 | 11 | C49, C51, C58-C63, C102-C104 | |
| | | | | | |
| 41 | 1210 X7R 50V 4.7uF 10% | 1210 | 6 | C6, C53-C57 | |
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| | <u>Микросхемы</u> | | | | |
| | | | | | |
| 45 | ACPL-W343-000E S06 Avago | S06 | 8 | U1-U8 | |
| | | | | | |
| 47 | ISO1541D SOIC8 TI | SOIC8 | 1 | DA100 | |
| | | | | | |
| 49 | LM317AEMP SOT223 TI | SOT223 | 1 | U11 | |
| | | | | | |
| 51 | SN74LVC1G14DBV SOT23-5 TI | SOT23-5 | 2 | U12, U14 | |
| | | | | | |
| 53 | SN74LVC2G74DCT SSOP8 TI | SSOP8 | 2 | DD100, DD101 | |
| | | | | | |
| 55 | STM1061N38WX6F SOT23 STM | SOT23-3 | 25 | DA1-DA24, U36 | |
| | | | | | |
| 57 | ULN2803ADW SOIC18 TI | SOIC18 | 2 | U9, U10 | |
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| | <u>Резисторы</u> | | | | |
| | | | | | |
| 61 | 0603 100 5% | 0603 | 8 | R10, R32, R54, R76, R98, R120, R142, R164 | |
| | | | | | |
| 63 | 0603 1K 5% | 0603 | 1 | R185 | |
| | | | | | |
| 65 | 0603 10K 1% | 0603 | 1 | R204 | |
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| 67 | 0603 21K 1% | 0603 | 8 | R3, R25, R47, R69, R91, R113, R135, R157 | |
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| 69 | 0603 22K 5% | 0603 | 16 | R15, R21, R37, R43, R59, R65, R81, R87, R103, R109, R125, R131, R147, R153, R169, R175 | |
| | | | | | |
| 71 | 0603 42.2K 1% | 0603 | 16 | R12, R34, R56, R78, R100, R122, R144, R150-R152, R166, R170-R174 | |
| | | | | | |
| 73 | 0603 100K 5% (KTR03EZPJ104) | 0603 | 96 | R1, R2, R5, R6, R23, R24, R27, R28, R45, R46, R49, R50, R67, R68, R71, R72, R89, R90, R93, R94, R111, R112, R115, R116, R133, R134, R137, R138, R155, R156, R159, R160, R207-R270 | |
| | | | | | |
| 75 | 0603 100K 1% | 0603 | 8 | R11, R33, R55, R77, R99, R121, R143, R165 | |
| | | | | | |
| 77 | 0603 390K 5% | 0603 | 8 | R14, R36, R58, R80, R102, R124, R146, R168 | |
| | | | | | |
| 79 | 0603 750K 1% | 0603 | 8 | R4, R26, R48, R70, R92, R114, R136, R158 | |
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| 81 | 0603 1M 5% | 0603 | 9 | R13, R35, R57, R79, R101, R123, R145, R167, R203 | |
| | | | | | |
| 83 | 0805 0 | 0805 | 4 | R182, R183, R186, R187 | |
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| 85 | 0805 100 5% | 0805 | 8 | R22, R44, R66, R88, R110, R132, R154, R176 | |
| | | | | | |
| 87 | 0805 510 5% | 0805 | 8 | R16-R18, R38-R40, R60, R61 | |
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| 89 | 0805 18K 5% | 0805 | 8 | R108, R126-R130, R148, R149 | |
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| 91 | 1206 1 1% | 1206 | 2 | R178, R179 | |
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| 93 | 1206 62 5% | 1206 | 3 | R184, R188, R202 | |
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| 95 | 1206 270 5% | 1206 | 1 | R198 | |
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| 97 | 1206 1K 5% | 1206 | 1 | R199 | |
| | | | | | |
| 99 | 1206 2K 5% | 1206 | 9 | R190-R197, R200 | |
| | | | | | |
| 101 | 1206 3.3K 5% | 1206 | 1 | R177 | |
| | | | | | |
| 103 | 1206 4.7K 5% | 1206 | 16 | R189, R271-R278, R287-R293 | |
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| 105 | 1206 10K 5% | 1206 | 2 | R201, R205 | |
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| 107 | 1206 20K 5% | 1206 | 1 | R206 | |
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| 109 | 1206 750K 1% | 1206 | 8 | R8, R30, R52, R74, R96, R118, R140, R162 | |

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| 111 | 2512 30K 5% | 2512 | 16 | R7, R9, R29, R31, R51, R53, R73, R75, R95, R97, R117, R119, R139, R141, R161, R163 | |
| | | | | | |
| 113 | 2512 470 5% | 2512 | 16 | R19, R20, R41, R42, R62-R64, R82-R86, R104-R107 | |
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| 117 | Чип-резисторная сборка 1206x4 4.7K 5% | SMT-8 | 2 | RN1, RN2 | |
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| 121 | Реле G6S224DC 24VDC 2 Form C 0.5A/125VAC Omron | DIP-8 | 8 | K1-K8 | |
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| | <u>Разъемы</u> | | | | |
| | | | | | |
| 125 | 232-376 Угловая Вилка 5,08 мм 16-поз | 16 | 1 | X4 | |
| | | | | | |
| 127 | 231-576/001-000 Вилка 1,2X1,2 шаг 5,08 мм | 16 | 2 | X2, X3 | |
| | | | | | |
| 129 | DIN41612 09031966921 HARTING | DIN96 | 1 | X1 | 3x32 96 MR |
| | | | | | |
| 131 | PLL1.27-2 | 2 | 8 | JP1-JP8 | |
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| | <u>Транзисторы</u> | | | | |
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| 135 | BC817-40 SOT23 | SOT23-3 | 2 | VT11, VT12 | |
| | | | | | |
| 137 | BCP53-16 SOT223 | SOT223 | 1 | VT10 | |
| | | | | | |
| 139 | IRLML2060 60V 1.2A SOT23-3 IR | SOT23-3 | 3 | VT9, VT101, VT102 | |
| | | | | | |
| 141 | STN1NK60Z 600V 0.3A SOT223 STM (STN1NK80Z STM, STN3N45K3 STM) | SOT223 | 8 | VT1-VT8 | |
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| 145 | Трансформатор 78253/55MVC Murata | SOIC6 | 8 | TR1-TR8 | |
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Лист регистрации изменений СП

| <i>№ Изм.</i> | <i>№ замененных (измененных) страниц</i> | <i>Дата ревизии</i> | <i>Краткое содержание и причина внесения изменений</i> | <i>Примечание</i> |
|--------------------|--|-------------------------|--|-------------------|
| 0 | вновь | 04.02.15 | | |
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| <i>Исполнения:</i> | | | | |

Лист регистрации изменений СБ

| <i>№ Изм.</i> | <i>№ замененных (измененных) страниц</i> | <i>Дата ревизии</i> | <i>Краткое содержание и причина внесения изменений</i> | <i>Примечание</i> |
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| 0 | вновь | 04.02.15 | | |
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| <i>Изм</i> | <i>Лист</i> | <i>№ докум.</i> | <i>Подп.</i> | <i>Дата</i> | | 5 |