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| *Форм.* | *Зона* | | *Поз.* | | *Обозначение* | | | | Наименование | | | | | *Кол.* | *Примеч.* | |
|  |  | |  | |  | | | | *Документация* | | | | |  |  | |
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| *А3* |  | |  | | *ИУ4.11.03.03.25.01.82.08.001 СБ* | | | | *Сборочный чертеж* | | | | |  |  | |
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| *А3* |  | |  | | *ИУ4.11.03.03.25.01.82.08.001 Э3* | | | | *Схема электрическая* | | | | |  |  | |
|  |  | |  | |  | | | | *структурная* | | | | |  |  | |
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| *А3* |  | |  | | *ИУ4.11.03.03.25.01.82.08.001 Э1* | | | | *Схема электрическая* | | | | |  |  | |
|  |  | |  | |  | | | | *принципиальная* | | | | |  |  | |
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| *А3* |  | |  | | *ИУ4.11.03.03.25.01.82.08.001 ПЭ3* | | | | *Перечень элементов* | | | | |  |  | |
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|  |  | |  | |  | | | | *Детали* | | | | |  |  | |
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|  |  | | *1* | | *ИУ4.11.03.03.25.01.82.08.002* | | | | *Плата печатная* | | | | | *1* |  | |
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|  |  | |  | |  | | | | *Прочие изделия* | | | | |  |  | |
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|  |  | | *2* | | *VD2, VD4, VD5* | | | | *Диод защитный LESD5D5* | | | | | *3* |  | |
|  |  | |  | |  | | | | *(UTD Semiconductor, Китай)* | | | | |  |  | |
|  |  | | *3* | | *VD3* | | | | *Диод Шоттки BAT760-7* | | | | | *1* |  | |
|  |  | |  | |  | | | | *(DIODES INC, USA)* | | | | |  |  | |
|  |  | | *4* | | *SW1, SW2* | | | | *Кнопка тактовая KLS7-TS6604* | | | | | *2* |  | |
|  |  | |  | |  | | | | *(KLS electronic co ltd, Китай)* | | | | |  |  | |
|  |  | | *5* | | *C12* | | | | *Конденсатор керамический 0.01мкФ* | | | | | *1* |  | |
|  |  | |  | |  | | | | *(Murata Electronics, Япония)* | | | | |  |  | |
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| Пров. | | | | Резчикова Е.В. | |  |  |  |  |  | 1 | | | 3 |
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| *Форм.* | *Зона* | | *Поз.* | | *Обозначение* | | | | Наименование | *Кол.* | *Примеч.* | |
|  |  | | *6* | | *С1, С2, С5, С8, С9, С11* | | | | *Конденсатор керамический 0.1мкФ* | *6* |  | |
|  |  | |  | |  | | | | *(Murata Electronics, Япония)* |  |  | |
|  |  | | *7* | | *С3, С4, С6, С7, С10* | | | | *Конденсатор керамический 22мкФ* | *7* |  | |
|  |  | |  | |  | | | | *(Murata Electronics, Япония)* |  |  | |
|  |  | | *8* | | *XS1* | | | | *Коннектор XH 2.54 2рin* | *1* |  | |
|  |  | |  | |  | | | | *(JST Corporation, Япония)* |  |  | |
|  |  | | *9* | | *SA1* | | | | *Переключатель ON-OFF* | *1* |  | |
|  |  | |  | |  | | | | *(SCI, Китай)* |  |  | |
|  |  | | *10* | | *DD1* | | | | *Микроконтроллер ESP32-WROOM* | *1* |  | |
|  |  | |  | |  | | | | *(ESPRESSIF, Китай)* |  |  | |
|  |  | | *11* | | *DD2* | | | | *Микросхема СP2102* | *1* |  | |
|  |  | |  | |  | | | | *(Silicon Labs, Китай)* |  |  | |
|  |  | | *12* | | *DD3* | | | | *Микросхема MPU-6050* | *1* |  | |
|  |  | |  | |  | | | | *(Invensense, USA)* |  |  | |
|  |  | | *13* | | *R1, R3-R8, R12* | | | | *Резистор MCR10EZPF1002, 10к* | *8* |  | |
|  |  | |  | |  | | | | *(Rohm, Япония)* |  |  | |
|  |  | | *14* | | *R2, R9* | | | | *Резистор MCR10EZPF1002, 2к* | *2* |  | |
|  |  | |  | |  | | | | *(Rohm, Япония)* |  |  | |
|  |  | | *15* | | *R10* | | | | *Резистор MCR10EZPF1002, 47.5к* | *1* |  | |
|  |  | |  | |  | | | | *(Rohm, Япония)* |  |  | |
|  |  | | *16* | | *R11* | | | | *Резистор MCR10EZPF1002, 22к* | *1* |  | |
|  |  | |  | |  | | | | *(Rohm, Япония)* |  |  | |
|  |  | | *17* | | *DA1* | | | | *Регулятор напряжения* | *1* |  | |
|  |  | |  | |  | | | | *MCP1700T-3302E* |  |  | |
|  |  | |  | |  | | | | *(Microchip Technology, USA)* |  |  | |
|  |  | | *18* | | *VD1* | | | | *Светодиод красный KP-2012SURCK* | *1* |  | |
|  |  | |  | |  | | | | *(Kingbright, Япония)* |  |  | |
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| *Форм.* | *Зона* | | *Поз.* | | *Обозначение* | | | | Наименование | *Кол.* | *Примеч.* | |
|  |  | | *19* | | *VT1, VT2* | | | | *Транзистор SS8050-G* | *2* |  | |
|  |  | |  | |  | | | | *(Comchip Technology, Китай)* |  |  | |
|  |  | | *20* | | *XS2* | | | | *Micro-USB разъем* | *1* |  | |
|  |  | |  | |  | | | | *L-KLS1-233-0-0-1-T* |  |  | |
|  |  | |  | |  | | | | *(KLS electronic co ltd, Китай)* |  |  | |
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