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| *Формат* | *Зона* | *Поз.* | *Позначення* | *Найменування* | *Кіл-ть.* | *Прим.* |
|  |  |  |  | *Документація* |  |  |
| *А1* |  |  | *ДК21.468213.001Е3* | *Принципова схема* | *1* |  |
| *А1* |  |  | *ДК21.468213.001СБ* | *Складальне креслення* | *1* |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Деталі* |  |  |
| *А1* |  | *1* | *ДК21.46813.001* | *Друкована плата* | *1* |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Кварцовий резонатор* |  |  |
|  |  | *2* |  | *Geyer KХ-26 32768Hz* | *1* | *ZQ1* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Конденсатори Samsung* |  |  |
|  |  | *3* |  | *CL10B102KB8NNNC**1nF, 50V, ±10%, X7R* | *1* | *C14* |
|  |  | *4* |  | *CL10B103KB8NNNC 10nF, 50V, ±10%, X7R* | *2* | *C17, C18* |
|  |  | *5* |  | *CL10B104KB8NNNC 100nF, 50V, ±10%, X7R* | *8* | *C2, C4, C6, C10-C12, C16, C19* |
|  |  | *6* |  | *CL10B105KB8NNNC 1uF, 50V, ±10%, X7R* | *1* | *C15* |
|  |  | *7* |  | *CL10B475KB8NNNC 4,7uF, 50V, ±10%, X7R* | *4* | *C7, C8, C9, C13* |
|  |  | *8* |  | *CL10B106KB8NNNC 10uF, 50V, ±10%, X7R* | *3* | *C1, C3, C5* |
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|  |  |  |  | *Енкодер механічний* |  |  |
|  |  | *9* |  | *ALPHA ENC13017SF-12PS* | *1* | *BR1* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Мікросхеми* |  |  |
|  |  | *10* |  | *ATMEL Atmega8A-MUR* | *1* | *DD5* |
|  |  | *11* |  | *Cypress CP2104-F03-GM* | *1* | *DD1* |
|  |  | *12* |  | *Espressif ESP-12E* | *1* | *DD4* |

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|  |  | *13* |  | *Microchip MCP1725-3302E* | *1* | *DD2* |
|  |  | *14* |  | *Microchip MCP73831T* | *1* | *DD3* |
|  |  | *15* |  | *NXP PCF8563* | *1* | *DD6* |
|  |  |  |  |  |  |  |
|  |  |  |  | *П’єзовипромінювач* |  |  |
|  |  | *16* |  | *Huayu YHE12-03* | *1* | *HF1* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Роз’єми* |  |  |
|  |  | *17* |  | *ATOM MR07-AP20330* | *1* | *XS5* |
|  |  | *18* |  | *Connfly PBS-2* | *1* | *XS2* |
|  |  | *19* |  | *Connfly PBS-8* | *1* | *XS3* |
|  |  | *20* |  | *Connfly PBS-4* | *1* | *XS4* |
|  |  | *21* |  | *Molex SD-47346-001* | *1* | *XS1* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Резистори Panasonic* |  |  |
|  |  | *22* |  | *ERJ-3EKF4700V 470, 100mW, ±5%* | *1* | *R8* |
|  |  | *23* |  | *ERJ-3EKF5101V 5,1k, 100mW, ±5%* | *2* | *R5, R6* |
|  |  | *24* |  | *ERJ-3EKF1002V 10k, 100mW, ±5%* | *16* | *R2, R3, R9-R16, R19-R24* |
|  |  | *25* |  | *ERJ-3EKF2402V 24k, 100mW, ±5%* | *1* | *R1* |
|  |  | *26* |  | *ERJ-3EKF4702V 47k, 100mW, ±5%* | *1* | *R4* |
|  |  | *27* |  | *ERJ-3EKF5102V 51k, 100mW, ±5%* | *2* | *R17* |
|  |  | *28* |  | *ERJ-3EKF1003V 100k, 100mW, ±5%* | *2* | *R7, R18* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Світлодіод* |  |  |
|  |  | *29* |  | *Kingbright KP-1608MBC* | *1* | *HL1* |
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|  |  |  |  | *Транзистори* |  |  |
|  |  | *30* |  | *NXP BC817* | *2* | *VT1, VT2* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Матеріали* |  |  |
|  |  | *31* |  | *Лак УР-231 ТУ 6-21-14-90* | *10г* |  |
|  |  | *32* |  | *Припой ПОС-61* | *20г* |  |
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