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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | *Документация* |  |  |
|  |  |  |  |  |  |  |
| *А2* |  |  | *ДК41.750706.001СК* | *Плата. Складальне креслення* | *1* |  |
| *А1* |  |  | *ДК41.468224.001Е3* | *Блок керування двигуном по* | *1* |  |
|  |  |  |  | *положенню. Схема електрична* |  |  |
|  |  |  |  | *принципова* |  |  |
| *А4* |  |  | *ДК41.468224.001ПЕ3* | *Блок керування двигуном по* | *1* |  |
|  |  |  |  | *положенню. Перелік елементів* |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Деталі* |  |  |
|  |  |  |  |  |  |  |
|  |  | *1* | *ДК41.758726.001* | *Плата друкована* | *1* |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Інші вироби* |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Конденсатори* |  |  |
|  |  |  |  |  |  |  |
|  |  | *2* |  | *C-0603 50 В 68 пФ 5% X7R Yageo* | *6* | *C8,C9,C13* |
|  |  |  |  |  |  | *C17,C21* |
|  |  |  |  |  |  | *C22* |
|  |  | *3* |  | *C-0603 50 В 220 пФ 5% X7R Yageo* | *2* | *C80,C82* |
|  |  | *4* |  | *C-0603 50 В 1,8 нФ 5% X7R Yageo* | *2* | *C27,C28* |
|  |  | *5* |  | *C-0603 50 В 0,1 мкФ 5% X7R Yageo* | *70* | *C1-C7* |
|  |  |  |  |  |  | *C11,C12* |
|  |  |  |  |  |  | *C14-C16* |
|  |  |  |  |  |  | *C18,C19* |
|  |  |  |  |  |  | *C24-C26* |
|  |  |  |  |  |  | *C29-C50* |
|  |  |  |  |  |  | *C53-C77* |
|  |  |  |  |  |  | *C79,C81* |
|  |  |  |  |  |  | *C85,C86* |
|  |  |  |  |  |  | *C91,C92* |
|  |  | *6* |  | *C-1206 50 В 10 мкФ 5% X7R Yageo* | *12* | *C10,C20* |
|  |  |  |  |  |  | *C23,C51* |
|  |  |  |  |  |  | *C52,C78* |
|  |  |  |  |  |  | *C83,C84* |
|  |  |  |  |  |  | *C87-C90* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Котушки індуктивності* |  |  |
|  |  |  |  |  |  |  |
|  |  | *7* |  | *L-1210 22 мкГн 223H-ND* | *2* | *L1,L2* |
|  |  |  |  | *Murata Manufacturing* |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Мікросхеми* |  |  |
|  |  |  |  |  |  |  |
|  |  | *8* |  | *AD2S1210 Analog Devices* | *1* | *DA1* |
|  |  | *9* |  | *AD7687BRMZ Analog Devices* | *1* | *DA4* |
|  |  | *10* |  | *ECS-3963 ECS Inc.* | *1* | *DD6* |
|  |  | *11* |  | *EP3C25E144I7 Altera* | *1* | *DD5* |
|  |  | *12* |  | *EPCS16SI16N Altera* | *1* | *DD4* |
|  |  | *13* |  | *FIN1001M5X ON Semiconductor* | *3* | *DD1-DD3* |
|  |  | *14* |  | *THS4130IDGK Texas Instruments* | *2* | *DA2,DA3* |
|  |  | *15* |  | *TPS62000DGS Texas Instruments* | *2* | *DA5,DA7* |
|  |  | *16* |  | *TPS79325 Texas Instruments* | *1* | *DA6* |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Резистори* |  |  |
|  |  |  |  |  |  |  |
|  |  | *17* |  | *13361P-1-103GLF BOURNS* | *1* | *RP1* |
|  |  | *18* |  | *R-0603 0,125 Вт 27 Ом 1% Yageo* | *20* | *R3* |
|  |  |  |  |  |  | *R29-R36* |
|  |  |  |  |  |  | *R39-R43* |
|  |  |  |  |  |  | *R48,R49* |
|  |  |  |  |  |  | *R72-R75* |
|  |  | *19* |  | *R-0603 0,125 Вт 47 Ом 1% Yageo* | *4* | *R38,R46* |
|  |  |  |  |  |  | *R47,R50* |
|  |  | *20* |  | *R-0603 0,125 Вт 100 Ом 1% Yageo* | *3* | *R51-R53* |
|  |  |  |  | *R-0603 0,125 Вт 1 кОм 1% Yageo* | *6* | *R5,R7,R9* |
|  |  |  |  |  |  | *R19,R21,R23* |
|  |  | *21* |  | *R-0603 0,125 Вт 10 кОм 1% Yageo* | *11* | *R1,R2,R28* |
|  |  |  |  |  |  | *R56,R58,R59* |
|  |  |  |  |  |  | *R62-R65* |
|  |  |  |  |  |  | *R68* |
|  |  | *22* |  | *R-0603 0,125 Вт 11,3 кОм 1% Yageo* | *4* | *R12,R13* |
|  |  |  |  |  |  | *R26,R27* |
|  |  | *23* |  | *R-0603 0,125 Вт 24,3 кОм 1% Yageo* | *4* | *R14,R15* |
|  |  |  |  |  |  | *R44,R45* |
|  |  | *24* |  | *R-0603 0,125 Вт 51 кОм 1% Yageo* | *6* | *R10,R11* |
|  |  |  |  |  |  | *R16,R17* |
|  |  |  |  |  |  | *R24,R25* |
|  |  | *25* |  | *R-0603 0,125 Вт 100 кОм 1% Yageo* | *6* | *R4,R6,R8* |
|  |  |  |  |  |  | *R18,R20* |
|  |  |  |  |  |  | *R22* |
|  |  | *26* |  | *R-1206 0,125 Вт 0 Ом 1% Yageo* | *3* | *R69-R71* |
|  |  | *27* |  | *R-1206 0,125 Вт 27 1% Yageo* | *2* | *R37,R54* |
|  |  | *28* |  | *R-1206 0,125 Вт 15 кОм 1% Yageo* | *1* | *R60* |
|  |  | *29* |  | *R-1206 0,125 Вт 47 кОм 1% Yageo* | *1* | *R55* |
|  |  | *30* |  | *R-1206 0,125 Вт 95,3 кОм 1% Yageo* | *1* | *R66* |
|  |  | *31* |  | *R-1206 0,125 Вт 100 кОм 1% Yageo* | *1* | *R61* |
|  |  | *32* |  | *R-1206 0,125 Вт 165 кОм 1% Yageo* | *1* | *R67* |
|  |  | *33* |  | *R-1206 0,125 Вт 27 1% Yageo* | *1* | *R57* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Роз'єми* |  |  |
|  |  |  |  |  |  |  |
|  |  | *34* |  | *5747841-2 AMP Connectors* | *1* | *XP1* |
|  |  | *35* |  | *A-DF 09 A/KG-T2S* | *1* | *XP10* |
|  |  |  |  | *Assmann WSW Components* |  |  |
|  |  | *36* |  | *KLS1-207C-2-5-S1 KLS* | *1* | *XP11* |
|  |  | *37* |  | *M20-9770242 Harwin Inc.* | *9* | *XP2-XP9* |
|  |  | *38* |  | *M80-5101042 Harwin Inc.* | *1* | *XP12* |
|  |  |  |  |  |  |  |
|  |  |  |  | *Транзистори* |  |  |
|  |  |  |  |  |  |  |
|  |  | *39* |  | *BC846B ON Semiconductor* | *2* | *VT1,VT2* |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | *Матеріали* |  |  |
|  |  |  |  |  |  |  |
|  |  | *40* |  | *Лак УР-231 ТУ 6-21-14-90* | *20мл* |  |
|  |  | *41* |  | *ПОС 61 ГОСТ 21930-76* | *10г.* |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |