| *Поз. обозначение* | *Наименование* | *Кол.* | *Примечание* |
| --- | --- | --- | --- |
|  |  |  |  |
|  | *Конденсаторы* |  |  |
| *C1, C2* | *EEEFK1H221GP 220мкФ 50В Panasonic* | *2* | *Импорт* |
| *C3* | *CC1206KX7R9BB474 1206 0,47мкФ Yageo* | *1* | *"* |
| *C4, C5* | *EEEFK1H221GP 220мкФ 50В Panasonic* | *2* | *"* |
| *C6* | *CC1206KX7R9BB103 1206 0,01мкФ Yageo* | *1* | *"* |
| *C7, C8* | *CC1206KX7R9BB474 1206 0,47мкФ Yageo* | *2* | *"* |
| *C9* | *CC1206KX7R9BB102 1206 1000пФ Yageo* | *1* | *"* |
| *C10, C11* | *CC1206KX7R9BB103 1206 0,01мкФ Yageo* | *2* | " |
| *C12, C13* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *2* | " |
| *C14, C15* | *T491C106K016AH 10мкФ KEMET* | *2* | " |
| *C16…C18* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *3* | " |
| *C19* | *CC1206KX7R9BB332 1206 3300пФ Yageo* | *1* | " |
| *C20* | *T491D476K016AH 47мкФ KEMET* | *1* | " |
| *C21* | *CC1206KX7R9BB474 1206 0,47мкФ Yageo* | *1* | " |
| *C22* | *EEEFK1H221GP 220мкФ 50В Panasonic* | *1* | " |
| *C23* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | " |
| *C24* | *T491D476K016AH 47мкФ KEMET* | *1* | " |
| *C25, C26* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *2* | " |
| *C27, C28* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *2* | " |
| *C29* | *CC1206KX7R9BB474 1206 0,47мкФ Yageo* | *1* | " |
| *C30* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | " |
| *C31* | *CC1206KX7R9BB474 1206 0,47мкФ Yageo* | *1* | " |
|  |  |  |  |
|  |  |  |  |
| *C32…C37* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *6* | *Импорт* |
| *C38* | *GRM31CR71H225KA88L 1206 2,2мкФ Murata* | *1* | *"* |
| *C39, C40* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *2* | *"* |
| *C41…C43* | *GRM31CR71H225KA88L 1206 2,2мкФ Murata* | *3* | *"* |
| *C44…C46* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *3* | *"* |
| *C47* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *1* | *"* |
| *C48, C49* | *CC1206KNP00BN150 1206 15пФ Yageo* | *2* | *"* |
| *C50, C51* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *2* | *"* |
| *C52* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *1* | *"* |
| *C53* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | *"* |
| *C54* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *1* | *"* |
|  |  |  |  |
|  | *Микросхемы* |  |  |
| *D1* | *PVT422PbF International Rectifier* | *1* | *"* |
| *D2* | *CDSOT23-SM712 Bourns* | *1* | *"* |
| *D3* | *ADM2587EBRWZ Analog Devices* | *1* | *"* |
| *D4* | *LM25085MM Texas Instruments* | *1* | *"* |
| *D5* | *SN74AC14D Texas Instruments* | *1* | *"* |
| *D6* | *LT1963EQ-3.3 Linear Technologies* | *1* | *"* |
| *D7* | *REF196GSZ Analog Devices* | *1* | *"* |
| *D8* | *ADUM3160BRWZ Analog Devices* | *1* | *"* |
| *D9* | *STM32F405VGT6 STMicroelectronics* | *1* | *"* |
| *D10* | *FM25V02-G Cypress Semiconductor* | *1* | *"* |
| *D11* | *ADM3054BRWZ Analog Devices* | *1* | *"* |
| *D12* | *AM1LS-0505S-NZ AIMTEC* | *1* | *"* |
|  |  |  |  |
|  |  |  |  |
| *D13* | *CDSOT23-SM712 Bourns* | *1* | *Импорт* |
|  |  |  |  |
|  | *Предохранители* |  |  |
| *F1, F2* | *ВП1-2, 2 А АГ0.481.303 ТУ* | *2* | *"* |
| *F3…F5* | *ВП1-2, 3,15 А АГ0.481.303 ТУ* | *3* | *"* |
|  |  |  |  |
|  | *Дроссели* |  |  |
| *L1* | *SRP1265A-470M 47 мкГн Bourns* | *1* | *"* |
| *L2* | *B82432T1333K000 33 мкГн Epcos* | *1* | *"* |
|  |  |  |  |
|  | *Резисторы* |  |  |
| *R1* | *RC1206JR-0722RL 22 Ом ±5% Yageo* | *1* | *"* |
| *R2* | *RC1206JR-071K3RL 1,3 кОм ±5% Yageo* | *1* | *"* |
| *R3, R4* | *RC1206JR-07300RL 300 Ом ±5% Yageo* | *2* | *"* |
| *R5* | *RC1206JR-07820RL 820 Ом ±5% Yageo* | *1* | *"* |
| *R6* | *RC1206JR-07120RL 120 Ом ±5% Yageo* | *1* | *"* |
| *R7* | *RC1206JR-071K3RL 1,3 кОм ±5% Yageo* | *1* | *"* |
| *R8* | *RC1206JR-07820RL 820 Ом ±5% Yageo* | *1* | *"* |
| *R9* | *RC1206JR-071K3RL 1,3 кОм ±5% Yageo* | *1* | *"* |
| *R10* | *RC1206JR-0710KL 10 кОм ±5% Yageo* | *1* | *"* |
| *R11* | *С2-29В-0,125-200 кОм ± 0,5 % - 1,0-А* | *1* | *"* |
| *R12* | *RC1206JR-0722RL 22 Ом ±5% Yageo* | *1* | *"* |  |  |
| *R13* | *С2-29В-0,125-8,66 кОм ± 0,5 % - 1,0-А* | *1* | *"* |  |
| *R14, R15* | *RC1206JR-07150RL 150 Ом ±5% Yageo* | *2* | *"* |  |
| *R16* | *С2-29В-0,125-261 кОм ± 0,5% - 1,0-А* | *1* | *"* |  |
|  |  |  |  |
|  |  |  |  |
| *R17, R18* | *RC1206JR-0722RL 22 Ом ±5% Yageo* | *2* | *Импорт* |
| *R19* | *С2-29В-0,125-20 кОм ± 0,5 % - 1,0-А* | *1* | *"* |
| *R20* | *С2-29В-0,125-6,65 кОм ± 0,5 % - 1,0-А* | *1* | *"* |
| *R21* | *RC1206JR-0710KL 10 кОм ±5% Yageo* | *1* | *"* |
| *R22…R24* | *RC1206JR-07120RL 120 Ом ±5% Yageo* | *3* | *"* |
| *R25* | *RC1206JR-071K3RL 1,3 кОм ±5% Yageo* | *1* | *"* |
| *R26…R28* | *RC1206JR-0747RL 47 Ом ±5% Yageo* | *3* | *"* |
| *R29, R30* | *RC1206JR-0722RL 22 Ом ±5% Yageo* | *2* | *"* |
| *R31…R33* | *RC1206JR-0710KL 10 кОм ±5% Yageo* | *3* | *"* |
| *R34* | *RC1206JR-0747RL 47 Ом ±5% Yageo* | *1* | *"* |
| *R35, R36* | *RC1206JR-071K3RL 1,3 кОм ±5% Yageo* | *2* | *"* |
| *R37…R39* | *С2-29В-0,125-200 кОм ± 0,5 % - 1,0-А* | *3* | *"* |
| *R40, R41* | *RC1206JR-07300RL 300 Ом ±5% Yageo* | *2* | *"* |
| *R42* | *С2-29В-0,125-205 Ом ± 0,5 % - 1,0-А* | *1* | *"* |
| *R43* | *RC1206JR-0747RL 47 Ом ±5% Yageo* | *1* | *"* |
| *R44* | *RC1206JR-07200RL 200 Ом ±5% Yageo* | *1* | *"* |
| *R45* | *С2-29В-0,125-200 кОм ± 0,5 % - 1,0-А* | *1* | *"* |
| *R46, R47* | *RC1206JR-07120RL 120 Ом ±5% Yageo* | *2* | *"* |
|  |  |  |  |
|  | *Диоды* |  |  |
| *VD1* | *Светодиодная сборка L-7104MD/2GD Kingbr.* | *1* | *"* |
| *VD2* | *Светодиод красный KP-3216EC Kingbright* | *1* | *"* |
| *VD3* | *STPS30M60SG-TR STMicroelectronics* | *1* | *"* |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| *VD4* | *1SMB5919BT3G ON Semiconductor* | *1* | *Импорт* |
| *VD5, VD6* | *BAV99 Fairchild Semiconductor* | *2* | *"* |
|  |  |  |  |
|  | *Транзисторы* |  |  |
| *VT1* | *IRLZ34NS International Rectifier* | *1* | *"* |
| *VT2* | *IRLML2803 International Rectifier* | *1* | *"* |
| *VT3* | *IRF5305S International Rectifier* | *1* | *"* |
| *VT4, VT5* | *Оптопара транзисторная PS2501L-1 NEC* | *2* | *"* |
|  |  |  |  |
|  | *Прочие* |  |  |
| *X1* | *Вилка MCV 1,5/8-GF-3,5 Phoenix Contact* | *1* | *"* |
| *X2* | *Вилка MCV 1,5/3-GF-3,5 Phoenix Contact* | *1* | *"* |
| *X3…X5* | *Лепесток 2-1,0-3,0-11-01 ГОСТ 16840-78* | *3* | *"* |
| *X6* | *Розетка 216604-8 TE Connectivity* | *1* | *"* |
| *X7* | *Вилка MCV 1,5/8-GF-3,5 Phoenix Contact* | *1* | *"* |
| *X8…X13* | *Лепесток 2-1,0-3,0-11-01 ГОСТ 16840-78* | *6* | *"* |
| *X14, X15* | *Розетка 216604-8 TE Connectivity* | *2* | *"* |
| *X16…X18* | *Лепесток 2-1,0-3,0-11-01 ГОСТ 16840-78* | *3* | *"* |
| *X19* | *Вилка IDC20M* | *1* | *"* |
| *X20* | *Вилка MCV 1,5/8-GF-3,5 Phoenix Contact* | *1* | *"* |
| *XP1* | *Вилка PLS-2* | *1* | *"* |
| *ZQ1* | *Резонатор кварцевый*  *Q 8.0-SMU3-30-30/50-T1-FU Jauch* | *1* | *"* |
|  |  |  |  |
| *A1…A5* | *Канал измерительный изолированный* | *5* | *"* |
|  |  |  |  |
|  |  |  |  |
|  | *Конденсаторы* |  |  |
| *C55* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | *Импорт* |
| *C56* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *1* | *"* |
| *C57* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | *"* |
| *C58, C59* | *GRM31CR71H475KA12L 1206 4,7мкФ Murata* | *2* | *"* |
| *C60* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | *"* |
| *C61* | *CC1206KX7R9BB103 1206 0,01мкФ Yageo* | *1* | *"* |
| *C62* | *CC1206KNP00BN750 1206 75пФ Yageo* | *1* | *"* |
| *C63* | *CC1206KX7R9BB104 1206 0,1мкФ Yageo* | *1* | *"* |
| *C64* | *CC1206KNP00BN750 1206 75пФ Yageo* | *1* | *"* |
| *C65* | *CC1206KX7R9BB102 1206 1000пФ Yageo* | *1* | *"* |
|  |  |  |  |
|  | *Микросхемы* |  |  |
| *D14* | *AM1LS-0505S-NZ AIMTEC* | *1* | *"* |
| *D15* | *HCPL7800A Avago Technologies* | *1* | *"* |
| *D16* | *AD8601ARTZ* | *1* | *"* |
|  |  |  |  |
|  | *Резисторы* |  |  |
| *R48* | *RC1206JR-07200RL 200 Ом ±5% Yageo* | *1* | *"* |
| *R49, R50* | *С2-29В-0,125-10 кОм ± 0,5 % - 1,0-А* | *2* | *"* |
| *R51, R52* | *С2-29В-0,125-40,2 кОм ± 0,5 % - 1,0-А* | *2* | *"* |
| *R53* | *С2-29В-0,125-20 кОм ± 0,5 % - 1,0-А* | *1* | *"* |
| *R54* | *RC1206JR-07100RL 100 Ом ±5% Yageo* | *1* | *"* |
| *R55* | *RC1206JR-07300RL 300 Ом ±5% Yageo* | *1* | *"* |
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|  |  |  |  |

*изме-*

*ненных*

*Лист регистрации изменений*

*Номера листов (страниц)*

*заме-ненных*

*новых*

*аннули-рован-ных*

*Всего*

*листов*

*(страниц)*

*в докум.*

*№ докум.*

*Входящий*

*№ сопрово-дительного*

*документа*

*и дата*

*Подпись*

*Дата*

*Изм*