

| Item No. | Designator | Quantity | Value | Part Number | Manufacturer | Description | Package name | Standard dimensions mm (inch) | Not Mounted |
|----------|-------------------------------------|----------|----------------|---------------------------|-----------------|--------------------------------|-----------------|-------------------------------|-------------|
| 1 | IC1 | 1 | | TAR5SB48 | TOSHIBA | Point Regulator, 4.8 V | SOT-25 (SMV) | | |
| 2 | IC4, IC6, IC7, IC9 | 4 | | TCK402G | TOSHIBA | External FET Driver IC | WCSP6E | | |
| 3 | IC5, IC8 | 2 | | 74HC123D | TOSHIBA | Multivibrator, 500 mW | SOIC16 | | |
| 4 | IC10, IC11 | 2 | | TC7PZ17FU | TOSHIBA | Dual Schmitt Buffer | SOT-363 (US6) | | |
| 5 | Q5 | 1 | | RN1114MFV(TPL3) | TOSHIBA | NPN Transistor, 50 V, 0.1 A | SOT-723 (VESM) | | |
| 6 | Q6, Q8, Q10, Q12 | 4 | | RN2102MFV | TOSHIBA | PNP Transistor, - 50 V, -0.1 A | SOT-723 (VESM) | | |
| 7 | Q7, Q9, Q11, Q13 | 4 | | TPHR8504PL1 | TOSHIBA | N-ch MOSFET, 40 V, 370 A | SOP Advance (N) | | |
| 8 | D1, D2, D3, D4 | 4 | | 1SS307E | TOSHIBA | Switching Diode, 80 V, 0.1 A | ESC | | |
| 9 | LED1 | 1 | | LTST-C193KRKT-5A | Lite-On | LED | | 1.15 x 0.80 mm | |
| 10 | R1, R2, R5, R8, R13 | 5 | 1 k Ω | | | ± 1 %, 50 mW | | 0.6 x 0.3 (0201) | |
| 11 | R3, R4, R9, R10 | 4 | 47 k Ω | | | ± 1 %, 50 mW | | 0.6 x 0.3 (0201) | |
| 12 | R6, R7, R11, R12 | 4 | 220 k Ω | | | ± 1 %, 50 mW | | 0.6 x 0.3 (0201) | |
| 13 | R14, R16, R17, R18, R19, R20 | 6 | 100 Ω | | | ± 5 %, 50 mW | | 0.6 x 0.3 (0201) | |
| 14 | C3, C4, C9, C12, C17, C22, C23, C24 | 8 | 1 μ F | | | Ceramic, 35 V, ± 10 % | | 1.0 x 0.5 (0402) | |
| 15 | C5, C6, C10 | 3 | 1 μ F | | | Ceramic, 35 V, ± 10 % | | 1.6 x 0.8 (0603) | |
| 16 | C7, C8, C15, C16 | 4 | 4.7 μ F | | | Ceramic, 25 V, ± 10 % | | 1.6 x 0.8 (0603) | |
| 17 | C13, C14, C20, C21 | 4 | 0.1 μ F | | | Ceramic, 16 V, ± 10 % | | 0.6 x 0.3 (0201) | |
| 18 | C18 | 1 | 10 μ F | | | Ceramic, 16 V, ± 20 % | | 1.6 x 0.8 (0603) | |
| 19 | C19 | 1 | 0.01 μ F | | | Ceramic, 16 V, ± 10 % | | 0.6 x 0.3 (0201) | |
| 20 | SW1, SW2, SW3, SW4 | 4 | | LP60A2ASRG | E-Switch | Switch with LED | | Through Hole | |
| 21 | SW5, SW6 | 2 | | 100SP1T1B4M2QE | E-Switch | SPDT Toggle Switch | | Through Hole | |
| 22 | CN1 | 1 | | SPTAF 1/ 6-3,5-EL 1862084 | Phoenix Contact | Terminal Block, 6 Pin | | Through Hole | |

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| 23 | CN2 | 1 | | SPTAF 1/ 16-3,5-EL 1862262 | Phoenix Contact | Terminal Block, 16 Pin | | Through Hole | |
| 24 | CN3 | 1 | | SPTAF 1/ 2-3,5-EL- EX 1070999 | Phoenix Contact | Terminal Block, 2 Pin | | Through Hole | |
| 25 | CN4, CN5 | 2 | | SSQ-106-01-G-S | Samtec | Connector, 6 Pin | | Through Hole | |
| 26 | IC2 | 1 | | TCK401G | TOSHIBA | External FET Driver IC | WCSP6E | | NOT MOUNT |
| 27 | IC3 | 1 | | TCK402G | TOSHIBA | External FET Driver IC | WCSP6E | | NOT MOUNT |
| 28 | Q1, Q2, Q3, Q4 | 4 | | SSM3K72CTC | TOSHIBA | N-ch MOSFET, 60 V, 150 mA | CST3C | | NOT MOUNT |
| 29 | C1, C2 | 2 | 1 μ F | | | Ceramic, 35 V, \pm 10 % | | 1.0 x 0.5 (0402) | NOT MOUNT |
| 30 | C11 | 1 | 1 μ F | | | Ceramic, 35 V, \pm 10 % | | 1.6 x 0.8 (0603) | NOT MOUNT |

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