

| Part | Value | Device | Package | Description |
|------|-------|-------------|-------------|---------------------|
| C1 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C2 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C3 | 100nF | CAP0805 | 805 | Capacitor |
| C4 | 100nF | CAP0805 | 805 | Capacitor |
| C5 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C6 | 100nF | CAP0805 | 805 | Capacitor |
| C7 | 220n | CAP0805 | 805 | Capacitor |
| C8 | 47n | CAP0805 | 805 | Capacitor |
| C9 | 100nF | CAP0805 | 805 | Capacitor |
| C10 | 100nF | CAP0805 | 805 | Capacitor |
| C11 | 10n | CAP0805 | 805 | Capacitor |
| C12 | 100nF | CAP0805 | 805 | Capacitor |
| C13 | 100nF | CAP0805 | 805 | Capacitor |
| C14 | 220n | CAP0805 | 805 | Capacitor |
| C15 | 220nf | CAP0805 | 805 | Capacitor |
| C16 | 10n | CAP0805 | 805 | Capacitor |
| C17 | 20n | CAP0805 | 805 | Capacitor |
| C18 | 4,7n | CAP0805 | 805 | Capacitor |
| C19 | 20p | CAP0805 | 805 | Capacitor |
| C20 | 10nF | CAP0805 | 805 | Capacitor |
| C21 | 10nF | CAP0805 | 805 | Capacitor |
| C22 | 10nF | CAP0805 | 805 | Capacitor |
| C23 | 100nF | CAP0805 | 805 | Capacitor |
| C24 | 100nF | CAP0805 | 805 | Capacitor |
| C25 | 220n | CAP0805 | 805 | Capacitor |
| C26 | 47n | CAP0805 | 805 | Capacitor |
| C27 | 220n | CAP0805 | 805 | Capacitor |
| C28 | 20p | CAP0805 | 805 | Capacitor |
| C29 | 220n | CAP0805 | 805 | Capacitor |
| C30 | 10n | CAP0805 | 805 | Capacitor |
| C31 | 20n | CAP0805 | 805 | Capacitor |
| C32 | 4,7n | CAP0805 | 805 | Capacitor |
| C33 | 100nF | CAP0805 | 805 | Capacitor |
| C34 | 100nF | CAP0805 | 805 | Capacitor |
| C35 | 100nF | CAP0805 | 805 | Capacitor |
| C36 | 100nF | CAP0805 | 805 | Capacitor |
| C37 | 100nF | CAP0805 | 805 | Capacitor |
| C38 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C39 | 100nF | CAP0805 | 805 | Capacitor |
| C40 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C41 | 100nF | CAP0805 | 805 | Capacitor |
| C42 | 100uF | CAP_POLD | PANASONIC_D | Capacitor Polarized |
| C43 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C44 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C45 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |
| C46 | 10uF | CAP_POL1206 | EIA3216-KIT | Capacitor Polarized |

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|------|-------|-------------|--------------|------------------------------|
| C47 | 100nF | CAP0805 | 805 | Capacitor |
| C48 | 100nF | CAP0805 | 805 | Capacitor |
| C49 | 100nF | CAP0805 | 805 | Capacitor |
| C50 | 100nF | CAP0805 | 805 | Capacitor |
| C51 | 100nF | CAP0805 | 805 | Capacitor |
| C52 | 20p | CAP0805 | 805 | Capacitor |
| C53 | 20p | CAP0805 | 805 | Capacitor |
| C54 | 100n | CAP0805 | 805 | Capacitor |
| C55 | 100nF | CAP0805 | 805 | Capacitor |
| C56 | 10uF | CAP_POL1206 | EIA3216 | Capacitor Polarized |
| C57 | 10uF | CAP_POL1206 | EIA3216 | Capacitor Polarized |
| C58 | 100nF | CAP0805 | 805 | Capacitor |
| C59 | 100nF | CAP0805 | 805 | Capacitor |
| IC1 | - | MAX4489SA | SO08 | Dual Operational Amplifiers |
| IC2 | - | 4066D | SO14 | Quad bilateral ANALOG SWITCH |
| IC3 | - | MAX4489SA | SO08 | Dual Operational Amplifiers |
| IC4 | - | MAX4487D | SO14 | Quad Low-Power OP AMP |
| IC5 | - | MAX4489SA | SO08 | Dual Operational Amplifiers |
| IC6 | - | MAX4489SA | SO08 | Dual Operational Amplifiers |
| IC7 | - | MC1525TO | TO92 | 2.5V Voltage References |
| IC8 | - | FT232RL | SSOP28 | - |
| J1 | - | JACK-PLUG1 | SPC4078 | DC POWER JACK |
| JP1 | - | PINHD-2X12 | 2X12 | PIN HEADER |
| JP2 | - | PINHD-1X3 | 1X03 | PIN HEADER |
| L1 | - | DR74 | DR74 | Shielded Inductors |
| LED1 | - | LED0805 | CHIP-LED0805 | LED |
| LED2 | - | LED0805 | CHIP-LED0805 | LED |
| LED3 | - | LED0805 | CHIP-LED0805 | LED |
| LED4 | - | LED0805 | CHIP-LED0805 | LED |
| LED5 | - | LED0805 | CHIP-LED0805 | LED |
| Q1 | - | IRLML5203 | MICRO3 | HEXFET P-Channel MOSFET |
| Q2 | - | NPN | SOT23 | Transistor NPN |
| Q3 | - | IRLML5203 | MICRO3 | HEXFET P-Channel MOSFET |
| Q4 | - | NPN | SOT23 | Transistor NPN |
| Q5 | - | XTAL/S | QS | CRYSTAL |
| R1 | 100R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R2 | 1M | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R3 | 470R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R4 | 33k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R5 | 20k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R6 | 56k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R7 | 390k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R8 | 39k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R9 | 270k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R10 | 10R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R11 | 3,3M | R-EU_0204/7 | 0204/7 | RESISTOR, European symbol |
| R12 | 3,3M | R-EU_0204/7 | 0204/7 | RESISTOR, European symbol |
| R13 | 3,3M | R-EU_0204/7 | 0204/7 | RESISTOR, European symbol |

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|------|------|---------------|-----------|---------------------------|
| R14 | 33R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R15 | 68R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R16 | 2,7k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R17 | 350R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R18 | 1M | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R19 | 470R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R20 | 33k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R21 | 20k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R22 | 56k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R23 | 390k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R24 | 39k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R25 | 270k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R26 | 100R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R27 | 2,7k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R28 | 350R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R29 | 10R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R30 | 220R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R31 | 68R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R32 | 56R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R33 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R34 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R35 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R36 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R37 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R38 | 10R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R39 | 220R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R40 | 220R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R41 | 10R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R42 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R43 | 220R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R44 | 220R | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R46 | 10k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R47 | 5k | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| R48 | 1M | R-EU_M0805 | M0805 | RESISTOR, European symbol |
| S1 | - | TL36PO | TL3XPO | TINY SWITCH ON - ON |
| S2 | - | SWITCH | SWITCH | SWITCH-MOMENTARY |
| U\$1 | - | MINI-DIN6PTH | MINI-DIN6 | mini DIN 6 Connector |
| U\$2 | - | LF33 | DPACK | LF33 |
| U1 | - | MCP41XXX | SO08 | Digital Potentiometer |
| U2 | - | MCP41XXX | SO08 | Digital Potentiometer |
| U3 | - | STM32F10XRXT6 | TQFP64 | STM32F101/103 64pin LQFP |
| X1 | - | 057-020-1 | 057-020-1 | CONNECTOR |
| X2 | - | MINI-USB | 32005-201 | MINI USB-B Conector |