



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|-----------------|--|-----------------------------------|------------------|-------------------|----------|
| 2.2uf | Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, [NoValue], [NoValue] | C3, C4, C5, C6, C7, C15, C16 | C/ 0603 | CAP | 7 |
| 3.3nF | Cap Ceramic SMT 0402, [NoValue] | C8, C37 | C/ 0603 | CAP, CAP-SMD | 2 |
| 15pf | | C12, C13 | C/ 0603 | CAP | 2 |
| 0.1uf | | C17, C18, C19 | C/ 0603 | CAP | 3 |
| 1nf | | C25 | C/ 0603 | CAP-SMD | 1 |
| 0.47uF/400V | Cap Ceramic SMT 0402 | C26 | CBB-17MM-6MM | CAP | 1 |
| 10nF | [NoValue], Cap Ceramic SMT 0402, [NoValue], [NoValue], [NoValue], [NoValue], [NoValue] | C27, C38, C41, C47, C50, C52, C54 | C/ 0603 | CAP | 7 |
| 22nf | Cap Ceramic SMT 0402 | C28 | C/ 0603 | CAP | 1 |
| 33nf | Cap Ceramic SMT 0402 | C29 | C/ 0603 | CAP | 1 |
| 10uF | | C30 | C/ 1206 | CAP | 1 |
| 22uf | Capacitor | C36 | C/ 1210/ SMT | CAP | 1 |
| 680pF | Cap Ceramic SMT 0603, Cap Ceramic SMT 0604 | C39, C40 | C/ 0603 | CAP | 2 |
| 1UF | Cap Ceramic SMT 0603 | C42, C48 | C/ 0603 | CAP | 2 |
| 100nF | Cap Ceramic SMT 0402, Cap Ceramic SMT 0402, [NoValue], Cap Ceramic SMT 0402 | C49, C51, C53, C55 | C/ 0603 | CAP | 4 |
| 4Pin(2,3脚删掉) | Header, 4-Pin | CN5 | HDR1X4 | Header 4 | 1 |
| 7Pin | Header, 7-Pin | CN7 | HDR1X7 | Header 7 | 1 |
| BAT43S | Diode, Schottky, 30V, 0.2A, SOT-23 | D1, D2 | SOT23-3P | BAT54S-7-F | 2 |
| Header 7 | Header, 7-Pin | JP1 | HDR1X7 | Header 7 | 1 |
| 15uH | INDUCTOR 1.00UH 1.075A 20% SMD | L1 | L-744066150 | INDUCTOR_AIR_CORE | 1 |
| PCD1432CT 330uH | INDUCTOR 330UH 10% 1210 SMD | L2 | 1210-L | INDUCTOR_AIR_CORE | 1 |
| LB 3218T1ROM | INDUCTOR 1.00UH 1.075A 20% SMD | L5 | R/1206B | INDUCTOR_AIR_CORE | 1 |
| 470uH | INDUCTOR POWER 470UH 1007 | L8 | 1210-L | INDUCTOR_AIR_CORE | 1 |
| | | LED1, LED2 | LED0603 | DIODE-LED | 2 |
| 0 | RES, xxx ohm, x% xw, [PackageReference] | R1, R11, R12, R60 | R/0603 | Resistor | 4 |
| 2.2K | RES, xxx ohm, x% xw, [PackageReference] | R2, R4 | R/0603 | Resistor | 2 |
| 56 | RES, xxx ohm, x% xw, [PackageReference] | R3 | R/0603 | Resistor | 1 |
| 1K | RES, xxx ohm, x% xw, [PackageReference] | R5, R6 | R/0603 | Resistor | 2 |
| 150 | RES, xxx ohm, x% xw, [PackageReference] | R7, R8 | R/0603 | Resistor | 2 |
| 200K | RES, xxx ohm, x% xw, [PackageReference] | R9, R10 | R/0603 | Resistor | 2 |
| 4.7 | RES, xxx ohm, x% xw, [PackageReference] | R13 | R/0603 | Resistor | 1 |
| 10K | RES, xxx ohm, x% xw, [PackageReference] | R14, R15, R16, R17, R18, R21 | R/0603 | Resistor | 6 |
| 330 | RES, xxx ohm, x% xw, [PackageReference] | R22 | R/0603 | Resistor | 1 |
| 750510436 | | T4 | BYQ-750510436 | TRANSFORMER-TD50 | 1 |
| TMS320F28035PAG | | U1 | IC-LQFP64-PM-PAG | F28035_64PIN | 1 |
| AFE031 | AFE031 TI PLC Integrated AFE, 48 pin QFN RGZ | U6 | IC-QFN48-RTC-RGZ | AFE031 | 1 |
| 20Mhz OSC 20ppm | | X2 | XIAL4P-SMT3*2X5 | Crystal_4pin_SMT | 1 |
| | | | | | |