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| --- | --- | --- | --- | --- | --- |
| PART NO.(MOUSER) | Component description | Reference | Componentvalue | Footprint& ratings |  |
| 81-GCM21BR71E684KA5L | Capacitor | C1,C2,C3,C4, C19,C20,C25,C26 | 0.68u | X7R, 25v, 10%, 0805 |  |
| 81-GCM216R71H102KA7D | Capacitor | C6,C10,C21,C22  C27,C28 | 1n | X7R, 50V, 10%, 0805 |  |
| 81-GCM21BR71E105KA6K | Capacitor | C5 | 1u | X7R,25V, 10%, 0805 |  |
| 81-GCE21BR71H104KA1L | Capacitor | C7,C11,C15 | 0.1u | X7R, 50V, 10%, 0805 |  |
| 661-EKY63ELL471ML20S | Capacitor | C8,C9,C12,C13 | 470u | 63v, 20%, 10000h, 105°C (16x20) |  |
| 81-GRM21R71E224KA01D | Capacitor | C15,C16,C17,C18 | 0.22u | 25V, X7R, 10%, 0805 |  |
| 81-GCM219R71H103KA7D | Capacitor | C23,C24,C29,C30 | 10n | 50v, X7R, 10%, 0805 |  |
| 652-CR0805AFX1003ELF | Resistor | R1,R2 | 100k | 1%, 0805 |  |
| 652-CHP1206FX1001ELF | Resistor | R3, R10 | 1k | 1% 3/4W, 1206 |  |
| 652-CR0805FX-5601ELF | Resistor | R4 | 5.6k | 1%, 0805 |  |
| 71-CRCW08053R30FKEA | Resistor | R5,R6,R7,R8,R9 | 3.3 | 0805 |  |
| 851-104CDMCCDS-100MC | Inductor | L1,L2,L3,L4 | 10u |  |  |
| 595-TPA3116D2DADR | Amplifier IC | U1 |  |  |  |
| 490-TB001-500-04BE | Connector |  | 4pin 5mm pitch | Screw terminal |  |
| 490-TB001-500-02BE | Connector |  | 2pin 5mm pitch | Screw terminal |  |