## LrE-6 BOM

Reference   Value   Footprint   Notes	TLF-6 BOW		
C2 0.01u SMD.0805 C3 0.01u SMD.0805 C4 0.01u SMD.0805 C5 0.01u SMD.0805 C6 0.01u SMD.0805 C7 0.01u SMD.0805 C8 0.01u SMD.0805 C9 0.01u SMD.0805 C9 0.01u SMD.0805 C10 0.01u SMD.0805 C11 0.01u SMD.0805 C12 0.01u SMD.0805 C12 0.01u SMD.0805 C13 0.1u SMD.0805 C14 0.1u SMD.0805 C15 10u SMD.0805 C16 0.1u SMD.0805 C17 0.1u SMD.0803 C16 0.1u SMD.0803 C17 0.1u SMD.0803 C18 0.1u SMD.0803 C19 10u SMD.0805 C19 10u SMD.0805 C20 0.1u SMD.0805 C20 0.1u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 0.1u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 0.01u SMD.0805 C27 0.1u SMD.0805 C28 0.01u SMD.0805 C29 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u S	Reference	Value	Footprint Notes
C3			
C4 0.01u SMD.0805 C5 0.01u SMD.0805 C6 0.01u SMD.0805 C7 0.01iu SMD.0805 C8 0.01u SMD.0805 C9 0.01iu SMD.0805 C9 0.01iu SMD.0805 C10 0.01u SMD.0805 C11 0.01u SMD.0805 C12 0.01u SMD.0805 C12 0.01u SMD.0805 C13 0.1u SMD.0805 C14 0.1u SMD.0805 C15 10u SMD.0805 C16 0.1u SMD.0805 C17 0.1u SMD.0805 C18 0.1u SMD.0803 C19 10u SMD.0805 C19 10u SMD.0805 C20 0.1u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 1u SMD.0805 C29 1u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 1.u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0			
C5         0.01u         SMD:0805           C6         0.01u         SMD:0805           C7         0.01u         SMD:0805           C8         0.01u         SMD:0805           C9         0.01u         SMD:0805           C10         0.01u         SMD:0805           C11         0.01u         SMD:0805           C12         0.01u         SMD:0805           C13         0.1u         SMD:0803           C14         0.1u         SMD:0803           C15         10u         SMD:0803           C16         0.1u         SMD:0805           C17         0.1u         SMD:0805           C18         0.1u         SMD:0803           C19         10u         SMD:0803           C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C23         1u         SMD:0805           C24         1u         SMD:0805           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27			
C6         0.01u         SMD.0805           C7         0.01u         SMD.0805           C8         0.01u         SMD.0805           C9         0.01u         SMD.0805           C10         0.01u         SMD.0805           C11         0.01u         SMD.0805           C12         0.01u         SMD.0805           C13         0.1u         SMD.0803           C14         0.1u         SMD.0803           C15         10u         SMD.0803           C16         0.1u         SMD.0805           C17         0.1u         SMD.0805           C18         0.1u         SMD.0803           C19         10u         SMD.0805           C20         0.1u         SMD.0805           C21         1u         SMD.0805           C21         1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C23         1u         SMD.0805           C24         1u         SMD.0805           C25         0.01u         SMD.0805           C26         1u         SMD.0805           C27			
C7			
C8         0.01u         SMD.0805           C9         0.01u         SMD.0805           C10         0.01u         SMD.0805           C11         0.01u         SMD.0805           C12         0.01u         SMD.0805           C13         0.1u         SMD.0603           C14         0.1u         SMD.0603           C15         10u         SMD.0603           C16         0.1u         SMD.0603           C17         0.1u         SMD.0603           C18         0.1u         SMD.0805           C19         10u         SMD.0805           C20         0.1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C23         1u         SMD.0805           C24         1u         SMD.0805           C25         0.01u         SMD.0805           C26         1u         SMD.0805           C27         0.1u         SMD.0805           C30         0.1u         SMD.0805           C31			
C9         0.01u         SMD.0805           C10         0.01u         SMD.0805           C11         0.01u         SMD.0805           C12         0.01u         SMD.0603           C14         0.1u         SMD.0603           C15         10u         SMD.0805           C16         0.1u         SMD.0603           C17         0.1u         SMD.0603           C18         0.1u         SMD.0603           C19         10u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C22         1u         SMD.0805           C22         1u         SMD.0805           C22         1u         SMD.0805           C23         1u         SMD.0805           C24         1u         SMD.0805           C25         0.01u         SMD.0805           C26         1u         SMD.0805           C27         0.1u         SMD.0805           C30         0.1u         SMD.0805           C31			
C10 0.01u SMD.0805 C11 0.01u SMD.0805 C12 0.01u SMD.0805 C13 0.1u SMD.0805 C14 0.1u SMD.0603 C15 10u SMD.0603 C16 0.1u SMD.0603 C17 0.1u SMD.0603 C18 0.1u SMD.0603 C19 10u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0603 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 10u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 10u SMD.0805 C29 10u SMD.0805 C29 10u SMD.0805 C20 10u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 10u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.			
C11 0.01u SMD.0805 C12 0.01u SMD.0805 C13 0.1u SMD.0603 C14 0.1u SMD.0603 C15 10u SMD.0603 C16 0.1u SMD.0605 C17 0.1u SMD.0603 C18 0.1u SMD.0603 C19 10u SMD.0603 C19 10u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 1u SMD.0805 C29 1u SMD.0805 C29 1u SMD.0805 C20 0.1u SMD.0805 C21 1u SMD.0805 C22 1u SMD.0805 C23 1u SMD.0805 C24 1u SMD.0805 C25 0.01u SMD.0805 C26 1u SMD.0805 C27 0.1u SMD.0805 C28 10u SMD.0805 C29 0.1u SMD.0805 C30 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30 0.1u SMD.0805 C30 0.1u SMD.0805 C31 0.1u SMD.0805 C32 0.1u SMD.0805 C33 0.1u SMD.0805 C34 0.1u SMD.0805 C35 0.1u SMD.0805 C36 0.1u SMD.0805 C37 0.1u SMD.0805 C38 0.1u SMD.0805 C39 0.1u SMD.0805 C39 0.1u SMD.0805 C30			
C12			
C13         0.1u         SMD:0603           C14         0.1u         SMD:0805           C16         0.1u         SMD:0803           C17         0.1u         SMD:0603           C18         0.1u         SMD:0803           C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C23         1u         SMD:0603           C24         1u         SMD:0603           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C33         0.1u         SMD:0805           C33         0.1u         SMD:0805           C35         0.1u         SMD:0805           C35			
C14         0.1u         SMD.0805           C15         10u         SMD.0805           C17         0.1u         SMD.0603           C17         0.1u         SMD.0603           C18         0.1u         SMD.0603           C19         10u         SMD.0805           C20         0.1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C23         1u         SMD.0803           C24         1u         SMD.0803           C25         0.01u         SMD.0803           C26         1u         SMD.0805           C27         0.1u         SMD.0805           C28         10u         SMD.0805           C30         0.1u         SMD.0805           C31         0.1u         SMD.0805           C32         0.1u         SMD.0805           C33         0.1u         SMD.0805           C34         0.1u         SMD.0805           C35         0.1u         SMD.0805           C36         0.1u         SMD.0805           C35         0.1u         SMD.0806           C36			
C15         10u         SMD:0803           C17         0.1u         SMD:0803           C18         0.1u         SMD:0803           C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C22         1u         SMD:0803           C24         1u         SMD:0603           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C30         0.1u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:200-123           D1			
C16         0.1u         SMD:0603           C17         0.1u         SMD:0603           C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C22         1u         SMD:0805           C23         1u         SMD:0803           C24         1u         SMD:0803           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36			
C17         0.1u         SMD.0603           C18         0.1u         SMD.0805           C20         0.1u         SMD.0805           C21         1u         SMD.0805           C21         1u         SMD.0805           C22         1u         SMD.0805           C23         1u         SMD.0803           C24         1u         SMD.0803           C25         0.01u         SMD.0805           C26         1u         SMD.0805           C27         0.1u         SMD.0805           C30         0.1u         SMD.0805           C31         0.1u         SMD.0805           C31         0.1u         SMD.0805           C31         0.1u         SMD.0805           C32         0.1u         SMD.0805           C33         0.1u         SMD.0805           C34         0.1u         SMD.0805           C35         0.1u         SMD.0805           C35         0.1u         SMD.0805           C36         0.1u         SMD.0805           C36         0.1u         SMD.0805           D1         1N4148W         SMD.SOD-123           D2 <td></td> <td></td> <td></td>			
C18         0.1u         SMD:0805           C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C23         1u         SMD:0803           C24         1u         SMD:0803           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123			
C19         10u         SMD:0805           C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0805           C23         1u         SMD:0805           C24         1u         SMD:0803           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C30         0.1u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C35         0.1u         SMD:0805           C35         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123			
C20         0.1u         SMD:0805           C21         1u         SMD:0805           C22         1u         SMD:0603           C24         1u         SMD:0603           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1 N4148W         SMD:SOD-123           D2         1 N4148W         SMD:SOD-123           D3         1 N4148W         SMD:SOD-123           D4         1 N4148W         SMD:SOD-123           D5         1 N4148W         SMD:SOD-123           D6         1 N4148W         SMD:SOD-123           D7         1 N4148W         SMD:SOD-123 </td <td></td> <td></td> <td></td>			
C21         1 u         SMD:0805           C22         1 u         SMD:0805           C23         1 u         SMD:0603           C24         1 u         SMD:0603           C25         0.01 u         SMD:0805           C26         1 u         SMD:0805           C27         0.1 u         SMD:0603           C28         10 u         SMD:0805           C30         0.1 u         SMD:0805           C31         0.1 u         SMD:0805           C32         0.1 u         SMD:0805           C33         0.1 u         SMD:0805           C34         0.1 u         SMD:0805           C35         0.1 u         SMD:0805           C36         0.1 u         SMD:0805           C36         0.1 u         SMD:0805           D1         1 N4148W         SMD:SOD-123           D2         1 N4148W         SMD:SOD-123           D3         1 N4148W         SMD:SOD-123           D4         1 N4148W         SMD:SOD-123           D5         1 N4148W         SMD:SOD-123           D6         1 N4148W         SMD:SOD-123           D7         1 N4148W <td< td=""><td></td><td></td><td></td></td<>			
C22         1u         SMD:0805           C23         1u         SMD:0603           C24         1u         SMD:0805           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C30         0.1u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1 N4148W         SMD:SOD-123           D2         1 N4148W         SMD:SOD-123           D3         1 N4148W         SMD:SOD-123           D4         1 N4148W         SMD:SOD-123           D5         1 N4148W         SMD:SOD-123           D6         1 N4148W         SMD:SOD-123           D7         1 N4148W         SMD:SOD-123<			
C23         1u         SMD:0603           C24         1u         SMD:0603           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0805           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D1         1N4148W         SMD:SOD-123           D10         1N4148W         SM			
C24         1u         SMD:0603           C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0603           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W			
C25         0.01u         SMD:0805           C26         1u         SMD:0805           C27         0.1u         SMD:0603           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1 N4148W         SMD:SOD-123           D2         1 N4148W         SMD:SOD-123           D3         1 N4148W         SMD:SOD-123           D4         1 N4148W         SMD:SOD-123           D5         1 N4148W         SMD:SOD-123           D6         1 N4148W         SMD:SOD-123           D7         1 N4148W         SMD:SOD-123           D8         1 N4148W         SMD:SOD-123           D9         1 N4148W         SMD:SOD-123           D10         1 N4148W         SMD:SOD-123           D11         1 N4148			
C26         1u         SMD:0603           C27         0.1u         SMD:0603           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1 N4148W         SMD:SOD-123           D2         1 N4148W         SMD:SOD-123           D3         1 N4148W         SMD:SOD-123           D4         1 N4148W         SMD:SOD-123           D5         1 N4148W         SMD:SOD-123           D6         1 N4148W         SMD:SOD-123           D7         1 N4148W         SMD:SOD-123           D8         1 N4148W         SMD:SOD-123           D9         1 N4148W         SMD:SOD-123           D10         1 N4148W         SMD:SOD-123           D11         1 N4148W         SMD:SOD-123           D12         1 N4148W         SMD:SOD-123           D13			
C27         0.1u         SMD:0603           C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14 <t< td=""><td></td><td></td><td></td></t<>			
C28         10u         SMD:0805           C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:SOD-123           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D15			
C30         0.1u         SMD:0805           C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16 <td></td> <td></td> <td></td>			
C31         0.1u         SMD:0805           C32         0.1u         SMD:0805           C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123			
C32         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123           D18         SMD:ED         SMD:SOD-123			
C33         0.1u         SMD:0805           C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123           D18         SMD LED         SMD:SOD-123           D19         MS2812B-2020           D34			
C34         0.1u         SMD:0805           C35         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123           D18         SMD LED         SMD:SOD-123           D18         SMD LED         SMD:SOD-123           D18         SMD LED         SMD:SOD-123           D18         SMD LED         SMD:SOD-123 <td></td> <td></td> <td></td>			
C35         0.1u         SMD:0805           C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123           D18         SMD LED         SMD:SOD-123           D18         SMD LED         SMD:GOO3           D31         WS2812B-2020           D33         WS2812B-2020           D35         WS2812			
C36         0.1u         SMD:0805           D1         1N4148W         SMD:SOD-123           D2         1N4148W         SMD:SOD-123           D3         1N4148W         SMD:SOD-123           D4         1N4148W         SMD:SOD-123           D5         1N4148W         SMD:SOD-123           D6         1N4148W         SMD:SOD-123           D7         1N4148W         SMD:SOD-123           D8         1N4148W         SMD:SOD-123           D9         1N4148W         SMD:SOD-123           D10         1N4148W         SMD:SOD-123           D11         1N4148W         SMD:SOD-123           D12         1N4148W         SMD:SOD-123           D13         1N4148W         SMD:SOD-123           D14         1N4148W         SMD:SOD-123           D15         1N4148W         SMD:SOD-123           D16         1N4148W         SMD:SOD-123           D18         SMD LED         SMD:0603           D31         WS2812B-2020           D32         WS2812B-2020           D33         WS2812B-2020           D34         WS2812B-2020           D35         WS2812B-2020			
D1     1N4148W     SMD:SOD-123       D2     1N4148W     SMD:SOD-123       D3     1N4148W     SMD:SOD-123       D4     1N4148W     SMD:SOD-123       D5     1N4148W     SMD:SOD-123       D6     1N4148W     SMD:SOD-123       D7     1N4148W     SMD:SOD-123       D8     1N4148W     SMD:SOD-123       D9     1N4148W     SMD:SOD-123       D10     1N4148W     SMD:SOD-123       D11     1N4148W     SMD:SOD-123       D12     1N4148W     SMD:SOD-123       D13     1N4148W     SMD:SOD-123       D14     1N4148W     SMD:SOD-123       D15     1N4148W     SMD:SOD-123       D16     1N4148W     SMD:SOD-123       D18     SMD LED     SMD:SOD-123       D18     SMD LED     SMD:SOD-123       D19     1N4148W     SMD:SOD-123       D10     1N4148W     SMD:SOD-123       D15     1N4148W     SMD:SOD-123       D16     1N4148W     SMD:SOD-123       D18     SMD LED     SMD:GOO3       D31     WS2812B-2020     SMD:GOO3       D32     WS2812B-2020     SMD:GOO3       D34     WS2812B-2020       D35     WS2812B-2020			
D2     1N4148W     SMD:SOD-123       D3     1N4148W     SMD:SOD-123       D4     1N4148W     SMD:SOD-123       D5     1N4148W     SMD:SOD-123       D6     1N4148W     SMD:SOD-123       D7     1N4148W     SMD:SOD-123       D8     1N4148W     SMD:SOD-123       D9     1N4148W     SMD:SOD-123       D10     1N4148W     SMD:SOD-123       D11     1N4148W     SMD:SOD-123       D12     1N4148W     SMD:SOD-123       D13     1N4148W     SMD:SOD-123       D14     1N4148W     SMD:SOD-123       D15     1N4148W     SMD:SOD-123       D16     1N4148W     SMD:SOD-123       D18     SMD LED     SMD:O603       D31     WS2812B-2020       D33     WS2812B-2020       D34     WS2812B-2020       D35     WS2812B-2020			
D3       1N4148W       SMD:SOD-123         D4       1N4148W       SMD:SOD-123         D5       1N4148W       SMD:SOD-123         D6       1N4148W       SMD:SOD-123         D7       1N4148W       SMD:SOD-123         D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:SOD-123         D19       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD:SOD-123       SMD:SOD-123         D18       SMD:SOD-123       SMD:SOD-123         D19       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123			
D4       1N4148W       SMD:SOD-123         D5       1N4148W       SMD:SOD-123         D6       1N4148W       SMD:SOD-123         D7       1N4148W       SMD:SOD-123         D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:SOD-123         D19       1WS2812B-2020       SMD:0603         D31       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D5       1N4148W       SMD:SOD-123         D6       1N4148W       SMD:SOD-123         D7       1N4148W       SMD:SOD-123         D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:O603         D31       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D6       1N4148W       SMD:SOD-123         D7       1N4148W       SMD:SOD-123         D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D7       1N4148W       SMD:SOD-123         D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D8       1N4148W       SMD:SOD-123         D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:O603         D31       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D9       1N4148W       SMD:SOD-123         D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D10       1N4148W       SMD:SOD-123         D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D11       1N4148W       SMD:SOD-123         D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D12       1N4148W       SMD:SOD-123         D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D13       1N4148W       SMD:SOD-123         D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D14       1N4148W       SMD:SOD-123         D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D15       1N4148W       SMD:SOD-123         D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D16       1N4148W       SMD:SOD-123         D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D18       SMD LED       SMD:0603         D31       WS2812B-2020         D32       WS2812B-2020         D33       WS2812B-2020         D34       WS2812B-2020         D35       WS2812B-2020			
D31 WS2812B-2020 D32 WS2812B-2020 D33 WS2812B-2020 D34 WS2812B-2020 D35 WS2812B-2020			
D32 WS2812B-2020 D33 WS2812B-2020 D34 WS2812B-2020 D35 WS2812B-2020			SMD:0603
D33 WS2812B-2020 D34 WS2812B-2020 D35 WS2812B-2020			
D34 WS2812B-2020 D35 WS2812B-2020			
D35 WS2812B-2020			
D36 WS2812B-2020			
	D36	WS2812B-2020	

H1	MountingHole	Diameter 3.2mm	Not parts
H2	MountingHole	Diameter 3.2mm	Not parts
H3	MountingHole	Diameter 3.2mm	Not parts
H4	MountingHole	Diameter 3.2mm	Not parts
J1	MCUBF-09-1	USB Micro B	Not parts
J2	SM06B-SRSS-TB	JST	
J3	LP_Header_02x03	001	Unmount
J4	LP_Header_01x02		Unmount
Q1	2N7002	SMD:SOT-23	- Ciliio Gillo
Q11	2N7002	SMD:SOT-23	
R1	1K	SMD:0805	
R2	1K	SMD:0805	
R3	1K	SMD:0805	
R4	1K	SMD:0805	
R5	10K	SMD:0805	
R6	10K	SMD:0805	
R7	10K	SMD:0805	
R8	10K	SMD:0805	
R9	10K	SMD:0805	
R10	10K	SMD:0805	
R11	10K	SMD:0805	
R12	10K	SMD:0805	
R13	10K	SMD:0805	
R14	10K	SMD:0805	
R15	10K	SMD:0805	
R16	10K	SMD:0805	
R17	10K	SMD:0805	
R18	10	SMD:0805	
R19	10K	SMD:0805	
R20	10K	SMD:0805	
R21	4.7K	SMD:0805	
R24	470	SMD:0805	
R33	10K	SMD:0805	
R34	100	SMD:0805	
R36	10K	SMD:0805	
R37	10K	SMD:0805	
SW1	6x6x10mmTact SW		
SW2	6x6x10mmTact SW		
SW3	6x6x10mmTact SW		
SW4	6x6x10mmTact SW		
SW5 SW6	6x6x10mmTact SW 6x6x10mmTact SW		
SW7	6x6x10mmTact SW		
SW8	6x6x10mmTact SW		
SW9	6x6x10mmTact SW		
SW10	6x6x10mmTact SW		
SW11	9.5EQ	EC11E-SMD	
SW12	9.5EQ	EC11E-SMD	
SW13	9.5EQ	EC11E-SMD	
SW14	9.5EQ	EC11E-SMD	
SW15	9.5EQ	EC11E-SMD	
SW16	9.5EQ	EC11E-SMD	
TP1	TestPoint	20112 01112	Unmount
U1	STM32F072C8T6	LQFP-48	2111104110
U2	ESP-WROOM-02	, , , ,	
U3	AQM0802-FLW-GBW		
U4	SPX3819M5-L3-3TR	SOT-23-5	
		<del>.</del>	