

## **SPECIFICATIONS**

**Quantity: 25 Nos.**

1. Type of Inputs: single ended and differential
2. Differential inputs:  $\geq 4$
3. Single ended input:  $\geq 1$
4. Type of Output: single ended
5. Transfer function:  $(X_1 - X_2) * (Y_1 - Y_2) + Z$ , X and Y are differential inputs and Z is single ended input.
6. Differential input voltage range:  $\pm 1$  V
7. Small signal bandwidth:  $\geq 200$  MHz
8. Maximum Operating Supply Voltage:  $\pm 6$  V
9. Package : SOIC/PDIP
10. IC : AD835 or equivalent

### **Acceptance Criteria:**

1. Material must be supplied in original manufacturer's ESD safe packing.
2. Batch number and date code should be mentioned on packing, whereas date code should be 2019 or later.
3. "Certificate of conformance" from the original manufacturer or "sufficient document to confirm the original make" must be provided.