

CSIR – Central Scientific Instruments Organisation

No. CSIO/GAP0516 /2025-26/2753

Date: May 04, 2026

Sub: Requirement of electronic components (as per specifications)

There is a requirement of following components as per specifications given below:

1	Precision, Low Noise, CMOS, Rail-to-Rail, Input/Output Dual Operational Amplifiers (AD8606ARZ)	Low offset voltage: 65 μ V maximum Low input bias currents: 1 pA maximum Low noise: 8 nV/ $\sqrt{\text{Hz}}$	5
2	Thin film resistors SMD 9kohms (ERA-8AED-4992V)	SMD 1206 49,9kohms, 25ppm, 0.5%	10
3	Thin Film Resistors SMD (APC1206T49K9Z)	49kohms, 0.01%, 1206, 5ppm	10
4	Thick Film Resistors, CRF1206-FX-2002ELF	SMD, 20K, 1%	10
5	Feed through capacitors (W3F15C4738AT1F)	1206, 50V, 47nF	10
6	Multilayer ceramic capacitors SMD (C1206C107M9PAC7210)	100uF, 6.3V, 1206 X5R 20%	10
7	Impedance converter network analyser (AD5933YRSZ-REEL7)	upto 100kHz frequency generator, 12 Bit, 1MSPS, 2.7-5.5V,	10
8	ARM MCU, ADUCM3 series microcontroller, ARM cortex M3 (4033379)	32bit, 16MHz, 256KB	10
9	SmartElex SX1262 868M LoRa HAT	extension for Raspberry Pi, Frequency Band: 850.125 ~ 930.125 MHz, Maximum Power transmit: 22dBm	10
10	SX1278 LoRa Module Ra-02	433Mhz Wireless spectrum transmission, Communication distance: 15KM, Sensitivity: down to -148dBm	10
11	Infrared Methane gas Sensor	NDIR based, detection range :0-100%	02
12	Hot wire semiconductor type acetone sensors	Breath acetone, Detection range:1-20ppm, life expectancy:>2 years	02

Interested firms, who can supply the same, can send their quotations through e-mail to the sudeshna_bagchi.csio@csir.res.in, on or before 11.05.2026, 5:00 PM.

Terms & Conditions:

1. Delivery: F.O.R. CSIO Chandigarh
2. Payment Terms: Within 30 days after delivery