

CSIR - Central Scientific Instruments Organisation

Ref: CSIR-CSIO/ISenS/2026/Indent/3913

11.05.2026

Subject: Procurement of electronic components as listed in table below

Sr. No.	DESCRIPTION	Part Number	Qty
1	CAPACITOR ALUMINIUM 220UF 20% 16V SMD	UCM1C221MCL1G5 or equivalent	40
2	CAPACITOR TANTALUM 33UF 10% 6.3V 1411	TAJB336K006RNJ or equivalent	35
3	CAPACITOR CERAMIC 30PF 50V C0G/NPO 0402	C0402C300G5GACTU or equivalent	15
4	CAPACITOR CERAMIC 0.1UF 16V Y5V 0402	GCM155R71C104KA55D or equivalent	40
5	CAPACITOR TANTALUM 4.7UF 10% 16V 0805	TAJP475K016RNJ or equivalent	20
6	CAPACITOR TANTALUM 4.7UF 10% 10V 1206	TAJA475K010R or equivalent	10
7	CAPACITOR CERAMIC 10000PF 16V X7R 0402	GRM155R71C103KA01D or equivalent	40
8	DIODE GENERAL PURPOSE 1.2kV 1A SUB SMA	VS-E7MH0112HM3/I or equivalent	15
9	TVS DIODE 12VWM 19.6VC DO214AA	SMBJ12CD-M3/I or equivalent	10
10	DIODE SCHOTTKY 20V 75MA DO35	1N5712 or equivalent	10
11	FILTER LC(T) 4700PF SMD	NFE61PT472C1H9L or equivalent	35
12	IC REGULATOR LINEAR 1.8V 1.5A SOT223-3	LT1963EST-1.8#PBF or equivalent	5
13	IC REGULATOR LINEAR 3.3V 1.5A SOT223-3	LT1963EST-3.3#PBF or equivalent	10
14	IC DRIVER 16/0 64TSSOP	SN65LVDS387DGG or equivalent	5
15	IC AMPLIFIER DIFFERENTIAL 8SOIC	AD830ARZ or equivalent	5
16	SMA PCB THT JACK STRAIGHT WR-SMA	60312002114503 or equivalent	5
17	Isolated DC DC Converter 12V -12V 83mA, 83mA 9V - 18V Input	TRS 2-1222 or equivalent	5
18	RESISTOR SMD 560 OHM 1% 1/16W 0402	AC0402FR-07560RL or equivalent	15
19	RESISTOR SMD 33 OHM 1% 1/16W 0402	AC0402FR-0733RL or equivalent	30
20	RESISTOR SMD 24 OHM 1% 1/16W 0402	AC0402FR-0724RL or equivalent	15
21	RESISTOR SMD 51 OHM 1% 1/16W 0402	AC0402FR-0751RL or equivalent	15
22	RESISTOR SMD 40.2 OHM 1% 1/16W 0402	AC0402FR-0740R2L or equivalent	25
23	RESISTOR SMD 0 OHM JUMPER 1/16W 0402	AC0402JR-070RL or equivalent	20
24	RESISTOR SMD 4.7K OHM 1% 1/16W 0402	AC0402FR-074K7L or equivalent	50
25	RESISTOR SMD 0 OHM JUMPER 1/16W 0402	AC0402JR-070RL or equivalent	60
26	RESISTOR ARRAY 4 RES 33 OHM 1206	EXB-38V330JV or equivalent	10
27	SWITCH TACTILE SPST-NO 0.05A 32V	KSC741J LFS or equivalent	5
28	ADV7280 - 32 Pin SDTV Video Decoder	ADV7280AWBCPZ or equivalent	5
29	CRYSTAL 28.63636MHZ 18PF SMD	SXT32418FA48-28.63636M or equivalent	5
30	TVS DIODE 5.5VWM 7.5V SGWLL22	ESD246B1W01005E6327XTSA1 or equivalent	5
31	DIODE ZENER 1V 1.3W DO204AC	ZPY1 or equivalent	5
32	IC TRANSCEIVER 0/16 64TSSOP	SN65LVDT386DGGR or equivalent	5
33	CONNECTOR HEADER VERT 12POS 2.54MM	M20-9980645 or equivalent	10
34	CONNECTOR HEADER VERTICAL 2 POSITION 2.54MM	TSW-101-07-F-D or equivalent	5
35	TERMINAL BLK 2P SIDE ENT 2.54MM PCB	1725656 or equivalent	5
36	SOLDERING TIP 1.6MM FOR WELLER WSP80	Vendor to suggest	1
37	Solder Wire 250gms 1mm dia	Vendor to suggest	1
38	24AWG Single Core Teflon Wire Red	Vendor to suggest	100
39	24AWG Single Core Teflon Wire Black	Vendor to suggest	100
40	16AWG Single Core Silicon Wire Red	Vendor to suggest	30
41	16AWG Single Core Silicon Wire Black	Vendor to suggest	30
42	Resealable Anti Static Bag 3 inch width (Bag of 100)	Vendor to suggest	1
43	Male to Male Jumper Wires	Vendor to suggest	100
44	Anti Static ESD Gloves	Vendor to suggest	10

Note:

1. All items listed must be quoted. Any equivalent component quoted must be functionally and dimensionally compatible and meet all electrical, mechanical, and quality specifications of the specified part number.
2. Vendor must ensure that all quoted parts must be mandatorily supplied to CSIR-CSIO, adhering to the lead times provided in the quotation
3. L1 will be evaluated based on the total value of the complete quotation.
4. The budgetary quotation for the items is to be submitted through E-mail **ripul.ghosh.csio@csir.res.in** and **jatin.sharma.csio@csir.res.in** on or before 14.05.2026, Contact: 0172-2672346

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For & on behalf of CSIR-CSIO