

CSIR – Central Scientific Instruments Organisation, Chandigarh

Ref No.: CSIO/SSP0052/2026/05082026

Date: August 05, 2026

Sub: Requirement of electronic components

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

Sr. No.	Item Description	Part No.	Qty
1.	Multilayer Ceramic Capacitors SMD/SMT 1000pF/1KV	C0805C102KDRACAUTO	30
2.	Multilayer Ceramic Capacitors SMD/SMT SOFT 0805 1.0uF/100Vdc	C2012X7S2A105K125AE	50
3.	Film Capacitors 0.22uF/630Vdc	SMDTJ03220YA00KS00	20
4.	Multilayer Ceramic Capacitors SMD/SMT 1210 4.7uF/80Vdc	GRM32ER71K475ME14L	40
5.	Multilayer Ceramic Capacitors SMD/SMT 22 µF/16Vdc	CGA6P1X8L1C226M250AC	20
6.	Multilayer Ceramic Capacitors SMD/SMT 6800pF/100Vdc	C0805C682K1GECAUTO	20
7.	Multilayer Ceramic Capacitors SMD/SMT 50V 1uF	AVX08055C105KAT2A	20
8.	Schottky barrier rectifier 60V/3A	PMEG6030EVPX	60
9.	TVS DIODE 600W 5% Bi-Directional	SMBJ36CA	110
10.	Schottky Diodes 60V 2A	SS26HE3A/H	45
11.	TVS DIODE 400W 36V	SMAJ36CA	20
12.	COMMON MODE CHOKES FILTERS 230ohms 2.5A 50VDC	DLW5ATH231TQ2L	15
13.	FIXED INDUCTORS, 47uH/1.2A	SRR4828A470M	5
14.	Sense Resistors – SMD 1/4watt .25ohms	WSL1206R2500FEA	10
15.	Thick Film Resistors - SMD 47k 0.125W	RC0805FR0747KL	12
16.	Thick Film Resistors - SMD 910 Ohm 0.4W	ESR10EZPJ911	5
17.	Thick Film Resistors - SMD 7.5k 0.4W	ESR10EZPF7501	10
18.	Thick Film Resistors - SMD 2.7k/0.750W	CRCW12062K70FKEAHP	10
19.	40V 3A STEP-DOWN LED DRIVER	AL8843QSP-13	35

20.	5 A Single buck DC/DC Converter	BD9G500EFJ-LAE2	25
21.	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100V 0.1uF X7R 0603	CC0603KRX7R0BB104	30
22.	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10 uF 25 VDC 10% 0603	GRM188R61E106KA73J	20
23.	Multilayer Ceramic Capacitors MLCC - SMD/SMT 1210 75VDC 10uF	CGA6P1X7R1N106K250AC	20
24.	Multilayer Ceramic Capacitors SMD/SMT 50V 1uF X7R 0603	06035C105KAT2A	70
25.	Aluminum Electrolytic Capacitors - SMD 220uF 25V	MAL215097612E3	40
26.	Multilayer Ceramic Capacitors SMD/SMT 50V 6800Pf	C0603C682K5TACAUTO	20
27.	Rectifiers 100V 3A	S3BB13F	15
28.	Power Inductors - SMD 47uH 1A	SRN5040TA470K	30
29.	FERRITE TUBE	TUB4/2/5-3B1	10
30.	NPN Bipolar Transistors - 80V	PMBTA06235	15
31.	Bipolar Transistors - BJT NPN	BC847C215	50
32.	RELAY TELECOM SPST 2A	1462041-7	20
33.	Thin Film Resistors - SMD 432K Ohms 100mW	RP73D1J432KBTDF	20
34.	Thick Film Resistors - SMD 100 K Ohms 100mW	RC0603FR07100KL	50
35.	Thin Film Resistors - SMD 4.7K ohm 100mW	RT0603BRD074K7L	70
36.	Thin Film Resistors - SMD 1K ohm 100mW	RC0603FR071KL	15
37.	Thin Film Resistors - SMD 20Kohms 100mW	ERA3AEB203V	20
38.	Thick Film Resistors - SMD 3.3 K Ohms 100 mW	RC0603FR133K3L	25
39.	Thick Film Resistors - SMD 47 K Ohms 100 mW	AC0603FR1047KL	20
40.	Thick Film Resistors - SMD 909K Ohms 100 mW	RC0603FR07909KL	15
41.	Thick Film Resistors - SMD 150 k Ohms 100mW	RC0603FR07150KL	20
42.	Thick Film Resistors - SMD 510 K Ohms 100mW	RC0603FR07510KL	20
43.	Thick Film Resistors - SMD 500 Ohms 250 mW	RN73R2ATTD5000B25	15

44.	Thick Film Resistors - SMD 1M Ohms 100mW	AC0603FR131ML	15
45.	Long Timer, Low Freq Osc	LTC6995Hs6-1#TRMPBF	15
46.	Linear Regulator 60V	MAX17651AZT+T	25
47.	SOLDER MOUNT PCB PIN	5421-0-00-15-00-00-03-0	130
48.	Push button switch 1A	SW-PB9-BA00AQE-5	20

Interested firms, who can supply the same, can send their quotations through e-mail to the goraj.csio@csir.res.in and CC to harry.garg.csio@csir.res.in on or before 10.08.2026, 5:00 PM.

Other terms & Conditions:

1. L1 will be evaluated based on the total value of the complete quotation.
2. The order will not be split and the overall lowest quotation will be considered for order placement.
3. Delivery: FOR CSIR-CSIO Chandigarh
4. Delivery Time: By 31st August 2026
5. Payment terms: Within 30 days after Delivery and Successful Inspection.
6. Terms & conditions as per CSIO rules.
7. Technical details/Requirements: attached with part no.