

CSIR – Central Scientific Instruments Organisation, Chandigarh

Ref No.: CSIO/GAP0434/2025-26/14052026

Date: May 14, 2026

Sub: Requirement of electronic components

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

S/No.	Item Description	M Part No.	Qty.
1.	CAP CER 0.1UF/100nF 50V X7R 0805	CL21B104KBCNNNC	50
2.	CHIP CAPACITOR 80V,4.7UF +/-10%	GRM32ER71K475KE14L	50
3.	CAP CER 10UF 25V X7S 0805	GRM21BC71E106ME11L	20
4.	CAPACITOR CERG CH 22µF ±20% 100V	KRM55WR72A226MH01K	20
5.	CAP FXD CH CERG 0.47µF 50V +/-5%	12065C474JAT2A	30
6.	CAP CERG CH X7R 22nF 50V 10% 0805	C0805C223K5RACAUTO or 08055C223K4T2A	20
7.	CAPACITOR CERG CH 1µF ±10% 0805 50V	NMC0805X7R105K50TRPL P2KF	20
8.	CAP FXD CERG 10µF ±5% 50V	CL31B106KBHNNNE	20
9.	CAP FXD CERG CH 1µF ±5% 100V	C1206X105J1RACTU	20
10.	FERRITE BEADS 10 OHMS 25% HIGH CURRENT	MH2029-100Y or 742792011 or FPB-0805-A100PB or PMH0805-100-RC or	10
11.	DIODE TVS 36V DO-214AC SMAJ36CA RoHS	SMAJ36CA	100
12.	INDUCTOR 15 µH 20 % 3.5A	SRP7050TA-150M	20
13.	INDUCTOR POWER 6.8µH 5.5A	SRP7050TA-6R8M	30
14.	INDUCTOR AUDIO CMC 6A 2LN	PA2750NL	20
15.	RESISTOR THKF CH 115K ±1% 0.125W	CRCW0805115KFKEA	20
16.	RESISTOR THKF CH 22.1K ±1% 0.125W	CRCW080522K1FKTA or CRCW080522K1FKEA	20
17.	RES SMD 10K OHM 1% 1/8W	CRCW080510K0FKEA	100
18.	RES 0.022 OHM 5% 1/2W 0805	ERJ-6CWJR022V	20
19.	Thick Film Resistors -SMD .63watt 2Kohm	PHP00805E2001BST1	40
20.	RESISTOR THKF CH 31.6K ±1%0.125W	CRCW080531K6FKTA	20
21.	RES 4.81K OHM 0.1% 1/8W 0805	TNPW08054K81BEEA	20
22.	33R, 0805, 1%, 150V, +/-100PPM/K	CRCW080533R0FKEA	20
23.	RES 100R 1/8W 1% 0805	CRCW0805100RFKEA	20
24.	RES 0.57 OHM 5% 1/8W 0805	RCWL0805R570JNEA	50
25.	RESISTORS SMD 1/8WATT 4.02OHM 1%	CRCW08054R02FKEA	80
26.	RESISTOR THKF CH 64.9K ±1% 0.125W	CRCW080564K9FKTA	20
27.	RESISTOR THKF CH 0 JUMPER.	CRCW08050000ZSTA	50
28.	RES FXD MFCH 150K 0.125W 1% 0805	RC0805FR-07150KL	20
29.	RESISTOR THKF CH 16K ±5% 0.125W RoHS	CRCW080516K0JNEA	30
30.	IC BUCK CONV 0.6A 45V	LMR54406DBVR	15
31.	OPTOCOUPLER High input-output isolation	LTV217-C-G	50

32.	IC VREG μ MODULE 36V 5.4A 8054	LTM8054EY#PBF	15
33.	IC MICROCONTROLLER 28 SOIC 16F15354	PIC16F15354-E/SO	15
34.	IC TRANSCEIVER 8pin SOIC	THVD1450D	15
35.	IC linear LED driver 48PIN WQFN	LM3463SQ/NOPB	30
36.	IC PWR MOSFET N CHANNEL 150V	FDD2572	120
37.	Dome lens Type, IRED Peak wavelength : 850nm	STANLEY JGN1105H-TR	100
38.	CAP FXD TMEL 33uF +-20%,50V	T543X336M050AHW050	20
39.	RESISTOR THKF CH 681 ohm, $\pm 1\%$, 0.125W	CRCW 0805 681R F KEA or CRCW0805681RFKTA	70
40.	RESISTOR THKF CH 15.0K $\pm 1\%$ 0.125W	CRCW080515K0FKTA or CRCW 0805 15K0 F KEA	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 18.05.2026, 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 30th June 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.