

## **PURCHASE OF ELECTRONIC COMPONENTS.**

**Ref: MDF/LL/SL/ACL/13/12/01**

"SUPPLY OF ELECTRONIC COMPONENTS"

1. THE ORDER SHOULD NOT BE PREFERABLY SPLITTED. THE COMPREHENSIVE QUOTE CONSIDERING AVAILABILITY OF ALL COMPONENTS, FOR AT CSIO WILL BE CONSIDERED.
2. THE REQUIRED QUANTITY IS MENTIONED AND COMPONENTS SHOULD BE SEALED/PACKED AS PER THE ORIGINAL FACTORY PACKING. IF FOUND DAMAGED, WILL BE RETURNED.
3. THE PRICE SHOULD BE INCLUDING EX-CSIO DELIVERY.
4. THE VALID COC SHOULD BE SHARED.
5. PAYMENT AND OTHER THINGS AS PER CSIO NORMS
6. PL MAIL AT [harry.garg@csio.res.in](mailto:harry.garg@csio.res.in), [pme@csio.res.in](mailto:pme@csio.res.in)
7. QUOTE TIME 3 DAYS FROM DATE OF TENDER.
8. THE DETAILS OF USER WILL NOT BE SHARED.
9. SUPPLIER/OEM TO SHARE THE DELIVERY TIMELINES AFTER PO AND PAYMENT TERMS.. PURCHASE OF COMPONENTS/ PO IS PURELY THE PREROGATIVE OF CSIO.

S.NO	CAT-1(FACL)			
1.	Part Number	Part Value	Manufacturer	Total QTY
2.	C0805C223K5RACAUTO	CAP CER 22nF 25V	KEMET	100
3.	C1206X105J1RACAUTO	CAPACITOR 1uF 100V	KEMET	50
4.	SRP7050TA-150M	FIXED IND 15UH 5A	BOURNS	25
5.	CRCW0805115KFKTA	RES 115k OHM 1% 0805 SMD	Vishay Dale	50
6.	CRCW080522K1FKTA	RES 22.1k OHM 1% 0805 SMD	Vishay Dale	50
7.	ERJ-6CWJR022V	RES 0.022 OHM 5% 1/2W 0805	PANASONICS	50
8.	PHP00805E2001BST1	SMD 0.625 watt 2Kohms	Vishay Dale	100
9.	CRCW08055K23FKTA	Resistors - SMD 1/8watt 5.23Kohms 1%	Vishay Dale	50
10.	TNPW08054K81BEEA	RES 4.81K OHM 0.1% 1/8W 0805	Vishay Dale	50
11.	CRCW080533R0FKEA	Resistors - SMD 1/8watt 33ohms	Vishay Dale	100
12.	RCWL0805R570JNEA	RES 0.57 OHM 5% 1/8W	Vishay Dale	200
13.	CRCW08054R02FKEA	Resistors - SMD 1/8watt 4.02ohms	Vishay Dale	200
14.	CRCW080564K9FKTA	Resistors - SMD 1/8watt 64.9Kohms	Vishay Dale	50
15.	CRCW080516K0JNEA	Resistors - SMD 1/8watt 16Kohms	Vishay Dale	100
16.	LMR54406DBVR	Switching Voltage Regulator	Texas Instruments	25
17.	LTM8054EY#PBF	IC VREG $\mu$ MODULE 36V 5.4A	LINEAR TECHNOLOGY CORPORATION	20
18.	PIC16F15354-E/SO	IC MICROCONTROLLER	Microchip Technology	30
19.	THVD1450D	IC TRANSCEIVER 8pin SOIC	Texas Instruments	20
20.	LM3463SQ/NOPB	LED Lighting Drivers 6Ch Hi Vltg	Texas Instruments	40
21.	CSD18543Q3A	IC PWR MOSFET N Channel 60v	Texas Instruments	300
22.	M80-8672005	Headers & Wire Housings 10+10 POS DIL MALE VERT LATCHED	Harwin	20
23.	M80-8872001	20 Position Receptacle Connector	Harwin	20

24.	M80-8672605	Headers & Wire Housings 26 POS CONNECTOR	Harwin	20
25.	MTSW-106-27-G-S-027	CONN HEADER VERT 6POS	SAMTEC	20

<b>CAT-2(ML)</b>				
	<b>Part Number</b>	<b>Part Value</b>	<b>Manufacturer</b>	<b>Total QTY</b>
26.	SMDTJ03220YA00KS00	0.22uF/630Vdc	WIMA	40
27.	GRM32ER71K475ME14L	4.7uF/80Vdc	MURATA	40
28.	CGA6P1X8L1C226M250AC	22 µF/16Vdc	TDK	40
29.	SMAJ36CA	TVS DIODE	LITTLEFUSE	60
30.	SRN5040TA-470K	Fixed Inductors	BOURNS	25
31.	SRR4828A-470M	Fixed Inductors	BOURNS	25
32.	Y16242K50000F9W	2.5K resistor	VISHAY	30
33.	ZXTR2005Z	ZXTR2005Z	DIODES	20

<b>CAT 04(SL)</b>			
<b>PART NUMBER</b>	<b>PART VALUE(SL)</b>	<b>MANUFACTURER</b>	<b>TOTAL QTY</b>
CC0603KRX7R0BB104	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100V 0.1uF X7R 0603	Yageo	100
GRM188R61E106KA73J	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10 uF 25 VDC 10% 0603	Murata	100
CGA6P1X7R1N106K250AC	Multilayer Ceramic Capacitors MLCC - SMD/SMT 1210 75VDC 10uF	TDK	100
APZ0606220M063R	Aluminium Organic Polymer Capacitors 63V 22uF	KYOCERA AVX	100
MAL215097612E3/PCR1E221MCL1GS	Aluminium Electrolytic Capacitors - SMD 220uF 25V	Vishay	100
1N4007 smd	Rectifier SMD Diode 1000V, 1A	Multicomp Pro	100

LTV217	Photocoupler	Liteon	50
PMBTA06,235	NPN Bipolar Transistors - BJT 80V	Nexperia	30
NVR5198NLT1G	MOSFET Pwr MOSFET 60V 2.2A 155mOhm SGL N-CH	Onsemi	50
9270-05-00TR	Reed Relays 5V	Coto Technology	50
RC0603FR-13665KL	Chip Resistor 665k/0805	Yageo	100
RN73H1JTTD5303F25	530 kOhms $\pm$ 1% 0.1W, 1/10W Chip Resistor	KOA Speer Electronics	100
RC0603FR-1359KL	Thick Film Resistors - SMD 59kOhms 1/10W	Yageo	100
RC0603FR-1333KL	Thick Film Resistors - SMD 33 kOhms 100 mW	Yageo	100
RCP0603W1K00GEB	1k/0603 RESISTOR	Vishay	100
RC0603FR-133K3L	Thick Film Resistors - SMD 3.3 kOhms 100-200 mW	Yageo	100
RC0603FR-1010KL	Thick Film Resistors - SMD 10 kOhms 100-200mW	Yageo	100
RC0603FR-074K7L	Thick Film Resistors - SMD 4.7 kOhms 100mW	Yageo	100
MAX17651	Linear Regulator 60V	Analog Devices	50
AL8843Q	STEP-DOWN LED DRIVER	Diodes	50
ltc4365	Supply Protection Controller 60V	Analog Devices	25
BD9G500EFJ-LA	DC/DC Converter 5A	Rohm	25
LTC6995-1	Timer Box, Low Frequency Oscillator	Analog Devices	25
SW-PB9-BB00BQE-5	Pushbutton Switch SPST-NO 1A Standard Through Hole	Adam Tech	30