



PROFORMA INVOICE/ORDER ACKNOWLEDGEMENT



Registered under the MSME Act

QR-720-04

Circuit Systems (India) Limited (ISO 9001:2015)				Order Date : 15/06/2023			
				Your Purchase Order Nr. : -			
Manufacturing Unit B-24, GIDC Electronics Estate, Sector-25, Gandhinagar: 382044, (Gujarat – India)		Regd. Office One42, South Wing 1001 & 1002, Bopal Ambli Road, Ashok Vatika, Ahmedabad – 380058, (Gujarat – India)		Payment Terms : 100% Advance			
Phone: +91 7600012414/15 CIN NO: U74140GJ1995PLC024524 GSTIN: 24AAAACC7706J1ZS				GST Applicable To : Assam-18			
NAME & ADDRESS OF CONSIGNEE : SB Enterprise SB Enterprise, 59 MG Road, Latasil, Guwahati Kamrup Metropolitan Pin:781001 Contact Person:SB Phone: , 9401633421 GSTIN: 18AJMPB0670J1Z7				SHIPPING ADDRESS : SB Enterprise B-832 4th floor B block New Ashok Nagar EAST DELHI Pin:110096 Contact Person:Amit Srivastava Phone: , 8299614001 State:Delhi(07)			
Service	HSN/ACS	Order Nr.	PCB Description	Dispatch Date	Quantity (PCB)	Unit Rate (₹) (PCB)	Amount(₹)
PCB Fabrication	85340000	599538	AIS140_V3_2G_M66	14/07/2023	6	1,110.00	6,660.00
PCB Assembly	85177910	599538-A	AIS140_V3_2G_M66	26/07/2023	6	1,290.00	7,740.00
TOTAL :						14,400.00	
SET UP CHARGES :						0.00	
FREIGHT :						0.00	
ADDITIONAL CHARGES :						0.00	
IGST :				18%		2,592.00	
ROUND OFF :						0.00	
SIXTEEN THOUSAND NINE HUNDRED AND NINETY TWO RUPEES INR ONLY				TOTAL		16,992.00	

Technical specification for order no : 599538

We thank you for your order and are pleased to confirm your specification.

PCB Bare Board Specifications

- Updated Specifications

Dispatch Unit	Panel
Board Size(mm)	89.92 x 57.40 mm
Repeat X	1.00
PCB Per Panel	2
Distance b/w PCBs	0.079"/2.0 mm
Panel Dim	103.92 x 130.80 mm
Material	FR4
Board Thickness	0.063"/1.6 mm
Surface Finish	HAL (Sn-Pb)
Solder Mask Bottom	Green
Solder Mask Top	Green
Legend Bottom	White
Peel Off	No
Carbon Contacts	No
Manufacturing Logo	No
Impedance Control	No
ET Symbol	No
Round Edge Plating	No
UL Sign	No
Data Approval	No
Electrical Testing	Yes

Panel By	PCBPower
Panel Qty	3
Repeat Y	2.00
Different Design Per Panel	-
Board Separation	Breakrouting
Panel Border	0.197"/5 mm
Layers	4 L
TG	Std. Tg (130-140 °)
Finish Cu Thickness	35.00
Inner Cu Thickness	35.00
Legend Top	White
Blind & Buried Via	No
Countersunk	No
Hard Gold (Gold tabs)	0.00
Serialization for PCBs	No
Via Fill	No
Special Buildup	Yes
Bevelling	No
Date Code	No

PCB Assembly Specifications

No of Components	189
No of TH Components	3
Assembly Side	Top & Bottom
Stencil Side	Top & Bottom
Conformal Coating	No

No of SMD Components	182
No of BGA/QFN/LGA Components	4
Component Sourcing	Kitted or consigned

Tolerances

We will proceed as per below mentioned tolerances only and any other tolerances mentioned in your data will be ignored. No query will be asked for the same.

DRILL TOLERANCES			
PTH HOLE SIZE	PTH Tolerance	NPTH Hole Size	NPTH Tolerance
0.50 - 3.50 MM	± 0.10 mm	0.50 - 3.50 MM	± 0.10 mm
> 3.50 MM	± 0.15 mm	> 3.50 MM	± 0.15 mm
OTHER TOLERANCES			
PCB Size	± 0.20 mm		
PCB Thickness	± 20% (Up to 0.8mm thickness) , ± 10% (Above 1.0mm thickness)		
Trace Width/ Spacing	± 20%		
Cu. Thickness Inside Hole	≥ 0.020 um		

Remarks :

In order to avoid delay and cost deviations, we strongly recommend you send an additional quantity of SMD components except for ICs, Modules, BGA, Relays, and Sockets. This will keep the process streamlined. You can refer to the table provided here for guidance on the additional quantities.

SMD Comp.package	Extra Qty % (1 to 50 qty)	Extra Qty % (51 to 100 qty)	Extra Qty % (101 + qty)	Minimum Qty in Strip
1206	30.00%	8.00%	5.00%	15
0805	40.00%	15.00%	10.00%	25
0603	40.00%	15.00%	10.00%	25
0402	50.00%	20.00%	15.00%	30
0201	60.00%	25.00%	20.00%	50

We strongly recommend you to send at least 7% extra quantity for all small-size SMD components.

Terms & Conditions

- Any commercial discrepancy in line with the Pro Forma Invoice should be brought to our attention with due acknowledgement from our team within 24 hours of invoice generation from our side.
- Our liabilities are limited to the computable value of the bare PCB and the PCB Assembly, in conformance of merchandise.
- We source electronic components from a varied range of global sourcing channels, which can have unforeseen delays due to the scale and complexity of the process. Our team takes all the necessary measures to ensure safe and timely transport. However, if any damage is incurred to the goods in the process of transit, Circuit Systems India Ltd/PCB Power Market, its associates, or any of its employees will not be liable against the claims of damage or related expenses/charges.
- The component requirements are sensitive to design changes which are bound to occur by at least a small percentage when we resolve exceptions. Hence, pre-production processes will precede the Turnkey or Combo Component Sourcing lifecycle to avoid process inefficiencies and delays.
- For orders with delivery times of 1, 3, and 5 working days, kindly resolve all technical exceptions within 4 hours of their occurrence. An additional working day will be added to the dispatch date for every subsequent 4-hour interval. For orders with delivery times of 7, 10, 15, 20, and 25 working days, kindly resolve all technical exceptions within 10 hours of their occurrence. An additional working day will be added to the dispatch date for every subsequent 10-hour interval. Please note: These guidelines are applicable exclusively during working/business days. Our working days are from Monday to Saturday from 8:00 am to 8:00 pm.
- All the delivery schedules are subjected to the successful receipt of final input and clarity on technical & financial queries raised by our team.
- Any and all claims made against Circuit Systems India Ltd, PCB Power Market, their associates or employees attributable to unforeseen delays in the schedules will automatically get rendered null & void.
- All the working day calculations and schedules will begin only after our Quality Assurance Team is reasonably confident about the verification.
- All the tolerances will be in line with the information available on <https://www.pcbpower.com/>
- We operate a precise, tested, and consistent quality assessment process. However, it is common for PCBs in a panel to get X-Out marks in the assembly or manufacturing process. As far as the X-Out mark ratio is between 10% to 35% of the total number of circuits, your non-X-out PCBs in a panel will run without any performance issues and will be statistically aligned with the high-performing PCBs.
- Shipment dates will be revised and communicated if you seek clarity on technical and financial inputs.
- Prices are a function of the number of drill-holes as well as the mechanical complexity of the process. Both of the variables can lead to revised prices.
- ENIG Surface finish processes will have confirmed prices for 30% of the surface area of the PCB. Any ENIG processes beyond that will require price revision, which shall be communicated by our team.
- We strongly recommend the storage of all our products and deliverables in an environmentally-controlled facility, adherent with IPC standards.

15. We recommend the PCB baking processes to last at HAL/LF HAL – 150 Degree Celsius for 2 Hours and IMM. Gold/Tin – 120 Degree Celsius for 2 hours before the assembly or component mounting processes are initiated.

16. All the PCBs used after 90 days from the date of invoice will require a thorough quality examination before getting included in the assembly process. Circuit Systems India Ltd, PCB Power Market, their associates, or employees will not be liable to accept any claims as soon as the 90-day period mentioned above is over.

17. In the case of bare boards supplied by Circuit Systems India Ltd, PCB Power Market we will accept claims limited to bare PCBs replacement only. Warranty does not apply after components are mounted by the customer to the PCBs. Circuit System India Ltd / PCB Power Market 's liability shall not exceed the price of bare PCBs.

PCB Power Market shall bear the responsibility of replacing only the bare board for PCBs and the PCB Assembly Services. All the liability pertaining to the individual or aggregate components shall rest with the respective component suppliers and exercised as per their applicable policies. The PCB Power Market team will make all the efforts necessary to work alongside customers and coordinate diligently with the suppliers on matters necessitating exercise of the liability to replace. For consigned PCB Assembly orders, the maximum liability is limited to bare PCBs.

18. No changes to these terms and conditions nor any different terms on customer's purchase order shall be binding unless agreed upon in writing by Circuit Systems India Ltd, PCB Power Market management or its authorized personnel. In the event of non - conforming product, notification must be informed to Circuit Systems India Ltd, PCB Power Market by email or letter within 30 (thirty) calendar days of the receipt of the material. Returns will not be accepted after 30 (thirty) calendar days of receipt.

All the Cheques and Purchase Orders must be addressed to Circuit Systems India Limited.

Bank Name	Bank A/c No.	Bank IFSC No.	SWIFT /BIC Code	Bank A/c type	Bank Branch
HDFC Bank Ltd.	50200014934498	HDFC0000190	HDFCINBB	Cash Credit Account	Sector- 16,Gandhinagar

* As this is computer generated document, signature is not required.

Kind regards,

CISIL/PCBPOWER MARKET

* For further updates and tracking,Visit www.pcbpower.com

CIRCUIT SYSTEM (INDIA) LTD.

B-24, GIDC Electronic Estate, Sector-25, Gandhinagar-382044, Gujarat, India

Phone : 7600012414 / 7600012415 | **Email id :** pcb@pcbpower.com

CIN NO : L74140GJ1995PLC024524

www.pcbpower.com

