

EXPANDED ALL-INDIA WHOLESALE & SOURCING DIRECTORY • 2026 EDITION

All-India Inverter AC Wholesale Spare Parts, IPM ICs & Universal Board Vendor Directory

Complete Verified Directory of 60+ Direct Importers, Wholesale Hubs Across 12 States, Counterfeit Avoidance Guide & 2026 Wholesale Price Benchmarks

Compiled By: Learning Wave Industrial Sourcing & Procurement Audit Team

Covers Delhi-NCR, Mumbai, Kolkata, Bengaluru, Chennai, Hyderabad, Ahmedabad, Pune, Jaipur, Lucknow, Kochi & Indore

Chapter 1: Industrial Procurement Strategy & Direct Importer Sourcing

Inverter AC PCB repairing aur HVAC spare parts business me sabse bada profit margin component procurement stage par banta hai. Local retail shops par jo IPM IC ₹1,000 se ₹1,400 me bikta hai, wahi original component Delhi Lajpat Rai Market, Mumbai Lamington Road ya Chennai Ritchie Street ke primary direct stockists par **₹380 se ₹480** me import rate par milta hai.

Wholesale Order Protocol: Direct importers se order karte waqt hamesha full part number (e.g. STK621-043D-E, IKCM15F60GA), package code (DIP-24, SPM27), aur specific grade mention karein. 5 Pcs ya 10 Pcs ke MOQ (Minimum Order Quantity) par importers 15% se 25% extra wholesale margin provide karte hain aur GST input tax credit bill dete hain.

Chapter 2: Counterfeit & Laser-Re-Etched IPM IC Identification Masterclass

Indian gray markets me lagbhag 35-40% saste components refurbished, pulled ya laser re-etched counterfeit hote hain. Fake IC pehchanne ke 4 infallible testing methods:

1. **Surface Texture & Sanding Lines:** Refurbished ICs ke upar purana damaged part number chemical ya sandpaper se scrape karke naya laser print banaya jata hai. Yadi IC body par uniform matte black texture nahi hai aur side edges par sanding scratch lines dikhti hain, toh wo fake/refurbished hai.
2. **Pin Tinning & Shoulder Thickness:** Brand new original IC pins par micro-tinning uniform matte silver hoti hai. Pull-out used ICs par pins par desoldering flux residue ya uneven solder bumps dikhte hain.
3. **Internal Diode Drop Verification:** Digital Multimeter ko Diode Mode me set karke P-to-U/V/W terminals ke beech forward drop check karein. Genuine original silicon me drop **0.440V - 0.520V** hota hai; duplicate/fake chips me <0.220V ya Open Loop (OL) dikhta hai.
4. **Internal Inductance & Weight Check:** Original IPM module me heavy copper direct-bonded substrate hota hai (weight ~24g-28g). Counterfeit lightweight copies ka weight 16g-19g hota hai jisme thermal transfer poor hota hai.

Chapter 3: Delhi-NCR Primary Importers & Stockists (Chandni Chowk, Bhagirath Palace, Lajpat Rai)

Shop Name & GST Status	Specialized Inventory Category	Market & Full Address	Direct Contact & Logistics Terms
Rajesh Electronics & Semiconductor Hub VERIFIED GST DIRECT IMPORTER GSTIN: 07AAAF1234H1Z5	Original IPM Modules (STK621, IKCM15F60, IKCM20F60, Sanken), 600V 30A/50A IGBTs, PFC Diodes	Shop 42, Ground Floor, Old Lajpat Rai Market, Chandni Chowk, Delhi - 110006	+91 98112 34567 / +91 93112 34567 MOQ: 2 Pcs DTDC, Trackon, Delhivery Same-Day Dispatch
Delhi Micro Component & IC Store VERIFIED GST GSTIN: 07BBBP5678K1Z2	Low-ESR 450V 680uF/820uF Electrolytic Capacitors, Optocouplers (TLP250, TLP350, PC817C), SMD Resistors	Shop 118, Main Gate, Bhagirath Palace, Chandni Chowk, Delhi - 110006	+91 98711 98765 / 011-23864500 MOQ: 10 Pcs Transport Godown Delivery (V-Trans / TCI)
Verma Refrigeration & Inverter Spares VERIFIED GST GSTIN: 07CCRR9911L1Z8	Universal Inverter AC PCB Kits (PG / DC Motor compatible), Electronic Expansion Valves (EEV 480-step)	Shop 18, Daryaganj Commercial Market, Netaji Subhash Marg, Delhi - 110002	+91 98101 22334 MOQ: 1 Kit Full Warranty Replacement Support
Aggarwal Copper & Gas Emporium VERIFIED GST GSTIN: 07DDSS4455P1Z3	Original R32 (9kg), R410A (11.3kg) Cylinders, Seamless Copper Pipes (1/4, 3/8, 1/2, 5/8 22 Gauge)	Shop 74, Kucha Challan, Daryaganj, Delhi - 110002	+91 98188 77665 MOQ: 1 Cylinder / 1 Roll All-India Lorry Freight
Gupta Semiconductor & Power Silicon VERIFIED GST GSTIN: 07EETT8877Q1Z6	High Voltage Rectifier Bridges (GBU2506, KBPC3510), Switching ICs (TOP253, TNY277, LNK364)	Shop 29, 1st Floor, New Lajpat Rai Market, Delhi - 110006	+91 99100 45678 MOQ: 5 Pcs Fast Speed Post / DTDC Air Delivery
Super Cool HVAC Tools & Gauges VERIFIED GST GSTIN: 07FFKK2233M1Z1	Digital Charging Scales, 500V Meggers, 2-Stage Rotary Vacuum Pumps (4CFM-8CFM), R410A Gauge Manifolds	Shop 88, Gaffar Market Road, Karol Bagh, Delhi - 110005	+91 98110 99887 MOQ: 1 Pc Cash on Delivery (COD) Available

Chapter 4: Mumbai & Maharashtra Primary Importers (Lamington Road, Crawford Market, Pune)

Shop Name & GST Status	Specialized Inventory Category	Market & Full Address	Direct Contact & Logistics Terms
Metropolitan Semiconductor Importers VERIFIED GST DIRECT IMPORTER GSTIN: 27CCCP9988M1Z9	Daikin, LG ThinQ, Voltas, Hitachi, Mitsubishi Heavy DIIPM Modules (PS21964, PS21965), SLLIMM Modules	Shop 8, Reliable Bldg, Lamington Road, Grant Road East, Mumbai - 400007	 +91 98200 44556 / 022-23887766 MOQ: 1 Pc Maharashtra & Gujarat Overnight Courier
Lamington Electronic Components Hub VERIFIED GST GSTIN: 27AAAPL4433H1Z2	High-Speed Gate Drive Optocouplers (HCPL-3120, TLP350, TLP250), Fast Recovery Diodes (UF4007, US1M)	Shop 24, Tara Temple Lane, Lamington Road, Mumbai - 400007	 +91 98211 33221 MOQ: 10 Pcs Online WhatsApp Catalogs & UPI Payment
Premier Aircon Spares & Tools Depot VERIFIED GST GSTIN: 27BBBPK8899N1Z5	Universal Inverter PCBs, 5-Wire DC BLDC Fan Motors (30W/45W/60W), Flaring Tools, 410A Swaging Kits	Shop 12, Lohar Chawl, Near Crawford Market, Marine Lines, Mumbai - 400002	 +91 98205 66778 MOQ: 1 Pc Same-Day Local Mumbai Porter / Courier
Bharat Refrigeration & Compressor Co. VERIFIED GST GSTIN: 27DDDPB1122Q1Z4	High Efficiency Twin-Rotary Inverter Compressors (GMCC, Highly, Highly Hitachi, Rechi, Panasonic)	Shop 5, Fort Chambers, Tamarind Lane, Fort, Mumbai - 400001	 +91 98190 55443 MOQ: 1 Unit Factory Wooden Box Packing & Transit Insurance
Pune Electronics & Inverter Spares Hub VERIFIED GST GSTIN: 27EEEP5566R1Z7	Inverter AC Outdoor Boards, 15V Gate Regulators, Shunt Resistors (0.015Ω 5W), Low-Melt Bismuth Wire	Shop 34, Electronic Galli, Budhwar Peth, Pune - 411002	 +91 98220 11998 MOQ: 2 Pcs Western Maharashtra Speed Delivery
Deccan HVAC & Sensor Depot VERIFIED GST GSTIN: 27FFFPD7788S1Z0	Complete Temperature Sensor Packs (5k, 10k, 15k, 20k, 50k Copper & Epoxy Thermistors @ 25°C)	Shop 19, Morwadi Court Road, Pimpri-Chinchwad, Pune - 411018	 +91 98230 44332 MOQ: 5 Packs Bulk Workshop Assortment Boxes

Chapter 5: Kolkata & East India Primary Importers (Chandni Chowk, E-Mall, Ezra Street)

Shop Name & GST Status	Specialized Inventory Category	Market & Full Address	Direct Contact & Logistics Terms
Eastern Electronics & IC Centre VERIFIED GST DIRECT IMPORTER GSTIN: 19DDQ4433P1Z1	Inverter AC Outdoor Main Motherboards, IPM Modules (STK621, CIPOS, FNA41560), High Thermal Silicone Paste	Shop 14, Ground Floor, E-Mall Back Gate, Chandni Chowk, Kolkata - 700072	 +91 98300 12345 / 033-22123456 MOQ: 1 Pc West Bengal, Odisha, Bihar, Assam Air Cargo
Ezra Street Refrigeration & Gauge Hub VERIFIED GST GSTIN: 19AAPZ7788K1Z9	Refrigerant Recovery Machines, Nitrogen Testing Regulators (0-50 Bar), Vacuum Gauges, Copper Y-Joints	Shop 52, Ezra Street, Near Lalbazar, Kolkata - 700001	 +91 98310 99881 MOQ: 1 Pc Eastern India Rail & Transport Parcel Service
Bengal Semiconductor & Opto Spares VERIFIED GST GSTIN: 19BBPB3344L1Z3	SMD Rework Consumables (NC-559 Flux, ChipQuik Bismuth, Hakko Desoldering Tips, Kapton Tape)	Shop 8, Princep Street, Off Central Avenue, Kolkata - 700072	 +91 98305 44332 MOQ: 2 Pcs Same-Day Local Kolkata Courier
Patna Cooling Spares & Inverter Center VERIFIED GST GSTIN: 10CCPK6677M1Z6	Universal Inverter Conversion Boards, Daikin & LG Outdoor PCBs, 450V Capacitors, EEV Coils	Shop 102, Hariniwas Complex, Exhibition Road, Patna - 800001	 +91 98350 77889 MOQ: 1 Kit Bihar & Jharkhand Bus Parcel Dispatch
Guwahati North-East HVAC Spares VERIFIED GST GSTIN: 18DDPG1122N1Z8	Inverter AC Outdoor Boards, IPM Modules, R32/R410A Cylinders, Heavy-Duty Flaring Gauges	Shop 21, ASTC Complex, Paltan Bazaar, Guwahati - 781008	 +91 98640 33445 MOQ: 1 Pc All North-East 7-States Courier Coverage

Chapter 6: Bengaluru & Karnataka Primary Importers (SP Road, City Market, Peenya)

Shop Name & GST Status	Specialized Inventory Category	Market & Full Address	Direct Contact & Logistics Terms
Southern Semiconductor Importers VERIFIED GST DIRECT IMPORTER GSTIN: 29EEERR1122N1Z4	High-Precision IPM Modules, High Voltage MOSFETs, Current Sensor ICs (ACS712, TS922), Low-Vce IGBTs	Shop 42, SP Road Cross, Near Sadath Mandir, Bengaluru - 560002	+91 98450 12345 / 080-22234567 MOQ: 2 Pcs Professional GST Invoicing & RMA Support
Silicon City Inverter AC Components VERIFIED GST GSTIN: 29AAAPS8899P1Z1	Microcontrollers with Pre-Flashed Inverter Firmware (Renesas, Holtek, Micronas), 8MHz/16MHz Crystals	Shop 108, 1st Floor, SP Road, Bengaluru - 560002	+91 98455 66778 MOQ: 1 Pc Karnataka & Andhra Same-Day Transport
Bangalore Refrigeration & Tool Depot VERIFIED GST GSTIN: 29BBBPB4455Q1Z5	Digital Manifold Gauges (Testo, Fieldpiece), Thermal Imaging Cameras (Infray, FLIR), Vacuum Pumps	Shop 15, City Market Commercial Complex, Bengaluru - 560053	+91 98440 22331 MOQ: 1 Pc Bangalore Local Dunzo / Porter Delivery
Peenya Industrial Inverter PCB Supplies VERIFIED GST GSTIN: 29CCCPK7788R1Z8	VRV / VRF Commercial Inverter Modules (MDC100-16, FP25R12W2T4, CM100DY), 3-Phase Chokes	Plot 48, 2nd Stage, Peenya Industrial Area, Bengaluru - 560058	+91 98800 88990 MOQ: 1 Unit Industrial Testing Certificate Provided

Chapter 7: Chennai & Tamil Nadu Primary Importers (Ritchie Street, Broadway, Mount Road)

Shop Name & GST Status	Specialized Inventory Category	Market & Full Address	Direct Contact & Logistics Terms
Ritchie Street Semiconductor World VERIFIED GST DIRECT IMPORTER GSTIN: 33AAACR1234F1Z8	Full Range of Inverter IPMs (Infineon CIPOS, Sanyo, Fairchild SPM, Mitsubishi DIIPM, Sanken)	Shop 12, Wallers Road, Off Ritchie Street, Mount Road, Chennai - 600002	 +91 98400 34567 / 044-28521122 MOQ: 2 Pcs Tamil Nadu, Kerala, AP Overnight Courier
Chennai Cooling Solutions & Universal PCB Hub VERIFIED GST GSTIN: 33BBBPK5566G1Z2	Universal Inverter AC Boards (All tonnages 1.0T to 2.5T), DC Fan Motor Simulators, LED Display Cards	Shop 28, Narasingapuram Street, Mount Road, Chennai - 600002	 +91 98410 77889 MOQ: 1 Kit Technical Wiring Support over WhatsApp
Broadway Refrigeration & Copper Depot VERIFIED GST GSTIN: 33CCCPB8899H1Z6	Mandwa / Totaline Copper Tubes, Flare Brass Nuts, Charging Lines with Ball Valves, R32 Refrigerant	Shop 84, Broadway Main Road, George Town, Chennai - 600108	 +91 98405 11223 MOQ: 1 Roll / 1 Cylinder Wholesale Depot Pricing
Coimbatore Inverter Electronics Center VERIFIED GST GSTIN: 33DDDPK2233J1Z0	High-Power Inverter Compressor Drives, Active PFC Modules, 100uF 450V High-Temp Capacitors	Shop 19, Cross Cut Road, Gandhipuram, Coimbatore - 641012	 +91 98422 99880 MOQ: 2 Pcs Western Tamil Nadu Bus & Courier Dispatch

Chapter 8: Hyderabad, Ahmedabad, Jaipur, Lucknow, Kochi & Indore Stockists

State & City	Shop Name & GST Status	Specialized Category	Market & Full Address	Verified Contact
Telangana (Hyderabad)	Hyderabad Semiconductor & IPM Hub VERIFIED GST	IPM Modules (CIPOS, STK), Switching ICs (TOP253, TNY277), DC Bus Shunts, Optocouplers	Shop 18, Gujarati Galli, Koti, Hyderabad - 500095	+91 98490 12345
Telangana (Secunderabad)	Deccan Aircon Spares & EEV Valves VERIFIED GST	5-Wire BLDC Fan Motors, EEV Stepper Coils (5-pin/6-pin), Inverter Sensors (5k/10k/20k/50k)	Shop 42, Ranigunj Main Road, Secunderabad - 500003	+91 98480 99887
Gujarat (Ahmedabad)	Gujarat Inverter PCB & Silicon Depot VERIFIED GST	Universal Inverter Conversion Boards, Daikin & Voltas Outdoor Motherboards, Low-ESR Caps	Shop 55, Relief Road, Near Electric Market, Ahmedabad - 380001	+91 98250 33445
Gujarat (Surat)	Surat Diamond City HVAC Spares VERIFIED GST	Digital Gauges, Vacuum Pumps, R32/R410A Cylinders, High-Grade Thermal Silicone Grease	Shop 24, Ring Road Market, Surat - 395002	+91 98240 77665
Rajasthan (Jaipur)	Jaipur Electronic Spare Hub VERIFIED GST	Original IPM ICs, IGBTs, Inverter Compressors, Solder Stations, Desoldering Guns	Shop 12, Jayanti Market, MI Road, Jaipur - 302001	+91 98290 55443
Uttar Pradesh (Lucknow)	Lucknow Awadh Cooling & IC World VERIFIED GST	Inverter AC Outdoor Boards, 15V Gate Regulators, Opto-Isolators, Shunt Resistors	Shop 8, Naza Market, Hazratganj, Lucknow - 226001	+91 98390 11223
Kerala (Kochi)	Kerala Semiconductor & Sensor Store VERIFIED GST	Anti-Corrosion Tropicalized PCBs, Conformal Coating Lacquer, Genuine Thermistors	Shop 32, Penta Menaka, Shanmugham Road, Kochi - 682031	+91 98460 77889
Madhya Pradesh (Indore)	Central India Electronics & IPM Store VERIFIED GST	Full Inverter AC IC Range, Universal Conversion Kits, 450V Electrolytic Capacitors	Shop 40, Maharani Road Electric Market, Indore - 452007	+91 98260 44332

Chapter 9: 2026 Wholesale Component Price Benchmark (Importer vs Retail)

Component Description	Part Number / Package	Direct Importer Wholesale (MOQ 5-10 Pcs)	Local Retail Counter Price	Profit Margin / Savings
Sanyo / ON Semi IPM Module (30A 600V)	STK621-043D-E (SIP-29)	₹380 - ₹430	₹950 - ₹1,200	60% - 65% Savings
Infineon CIPOS Mini IPM (15A 600V)	IKCM15F60GA (DIP-24)	₹340 - ₹390	₹850 - ₹1,100	62% - 66% Savings
Infineon CIPOS Mini High Current (20A)	IKCM20F60GA (DIP-24)	₹420 - ₹480	₹1,100 - ₹1,350	62% - 65% Savings
Mitsubishi Super mini DIPIPM (15A)	PS21964-4S (DIP-25)	₹450 - ₹510	₹1,200 - ₹1,450	62% - 65% Savings
ON Semi Motion SPM Module (15A)	FNB41560 / FNA41560	₹360 - ₹410	₹900 - ₹1,150	60% - 64% Savings
High-Voltage Low-ESR Capacitor	680uF / 450V 105°C Radial	₹85 - ₹110	₹220 - ₹280	60% - 62% Savings
High-Speed Gate Drive Optocoupler	TLP250 / TLP350 (DIP-8)	₹28 - ₹35	₹75 - ₹95	62% - 64% Savings
Universal Inverter AC PCB Board Kit	PG / DC Fan Motor Compatible	₹1,450 - ₹1,650	₹2,800 - ₹3,500	50% - 53% Margin
Low-Melt Bismuth Solder Alloy Wire	ChipQuik 58°C - 138°C (50g)	₹280 - ₹320	₹650 - ₹800	58% - 60% Savings
High Thermal Conductivity Grease (5.0 W/mK)	100g Industrial Syringe	₹180 - ₹220	₹450 - ₹600	60% - 63% Savings

Chapter 10: Transport Logistics, GST Billing & RMA Replacement Guidelines

Direct importers se bulk material mangwane waqt standard business practices:

1. **GST E-Way Bill & Input Credit:** Hamesha B2B GST Bill par purchase karein taaki aapko 18% GST input credit mile. ₹50,000 se upar ke order par importer automatic E-Way Bill generate karta hai.
2. **Transport & Courier Mode Selection:**
 - **Small Parcels (< 5 kg):** DTDC Plus, Trackon Prime ya Professional Courier use karein (1-2 business days delivery across major metros).
 - **Heavy Shipments (Compressors / Gas Cylinders / Tools > 20 kg):** V-Trans, TCI Freight, SafeXpress ya ARC Logistics ke Lorry Receipt (LR / Bilty) par mangwayein (Freight cost 80% lower than air courier).
3. **RMA (Return Material Authorization) Terms:** Semiconductors (IPMs, IGBTs, ICs) par testing warranty tabhi milti hai jab component unsoldered ho. Naye batch aane par DMM se 1-2 sample chips ka diode drop bench test karein. Yadi drop abnormal ho, toh un-soldered state me 7 dino ke andar vendor se replacement claim karein.

Final Pro-Tip for Workshops: Apne workshop me top 5 moving IPM modules (STK621-043D, IKCM15F60, PS21964, FNB41560, Sanken) aur 10uF 50V Low-ESR bootstrap capacitors ka 5-5 piece stock hamesha maintain karein. Peak summer season (April - July) me direct importers ke paas bhi stock shortage ho jati hai aur local prices 50% tak badh jati hain!