



SEPTEMBER 2025

INDIA - PCB INDUSTRY NEWS

Wonder Electricals Ltd. Announces Strategic Entry into PCB Manufacturing; Expects 40–50% Growth in the BLDC segment in the Coming Years



Wonder Electricals Ltd., a trusted name in the electrical industry, has successfully completed the formalities for setting up a new entity, Integrated Motion & Control LLP, focused on PCB manufacturing. Wonder Electricals will hold 51% equity in this joint venture.

The company has confirmed that machinery installation will be completed by end of October 2025, with trials scheduled in November–December 2025. Full-scale commercial production is expected to begin in the 4th quarter. A state-of-the-art factory is also under construction to support this expansion.

With this new initiative, Wonder Electricals aims to deliver innovative, reliable, and effective fan compliant solutions. The unit will be capable of offering end-to-end hardware and software solutions with strong R&D support.

Industry experts believe that this expansion into PCB manufacturing will significantly enhance the company's product portfolio and profitability. While the initial estimate suggests an accelerated growth in profits, the company is hopeful that in the longer term it can achieve its targets driven by strong domestic demand and global opportunities.

Source: <https://www.newsheads.in/business>

PCB Manufacturing Techniques and Innovations in India

The India printed circuit board (PCB) market is witnessing a significant transformation driven by advancements in manufacturing techniques and materials. The evolution from simple single-layer boards to complex multilayer, flexible, and high-density interconnect (HDI) PCBs is reshaping the Indian electronics landscape. Supported by growing domestic demand, government incentives, and a focus on quality, India is emerging as a promising hub for PCB production capable of catering to diverse sectors such as consumer electronics, automotive, telecommunications, and healthcare.

Traditionally, Indian PCB manufacturing was largely limited to basic boards with manual or semi-automated processes. However, the increasing complexity of electronic devices requiring miniaturization, higher speeds, and reliability has pushed Indian manufacturers to adopt advanced technologies and upgrade capabilities. This blog explores the key manufacturing techniques and innovations that are driving India's PCB industry forward, setting the stage for enhanced global competitiveness.

From Traditional to Advanced Production Techniques

Earlier, PCB manufacturing in India involved labor-intensive steps such as manual drilling and chemical etching, which restricted precision and scalability. Today, automation is rapidly taking over these manual processes, introducing greater accuracy, efficiency, and repeatability.

Computer Numerical Control (CNC) drilling machines have become essential, enabling precise hole drilling on multilayer boards where alignment tolerances are stringent. Laser Direct Imaging (LDI) technology has largely replaced traditional photolithography, allowing highly detailed and complex circuit patterns on smaller footprints. This shift is critical for producing HDI PCBs that feature fine lines and microvias required in smartphones, IoT devices, and telecom equipment.

Automated Optical Inspection (AOI) systems are widely used in quality control to detect defects early in the production line, reducing rework and waste. Flying probe testers and X-ray inspection machines further ensure the integrity of connections within densely packed multilayer boards, which are otherwise difficult to inspect visually.

UST, Kaynes Semicon to set up Rs 3,330 crore OSAT facility in Gujarat

UST and Kaynes Semiconductor have announced plans to set up a ₹3,330 crore OSAT (Outsourced Semiconductor Assembly and Test) facility in Gujarat, aiming to strengthen India's semiconductor ecosystem. Officials said the facility will focus on advanced chip assembly, testing, and packaging solutions to meet growing domestic and global demand. The project is expected to create significant employment opportunities and foster skill development in high-tech manufacturing. Authorities highlighted that Gujarat's robust infrastructure and investor-friendly policies make it an ideal location for semiconductor investments. The facility will support India's ambition to become a global hub for electronics and semiconductor manufacturing under the Atmanirbhar Bharat initiative.

Source: <https://economictimes.indiatimes.com/>, September 29, 2025

Electronics component plan gets ₹1.15 trillion proposals, says govt.

The government has received investment proposals totalling ₹1.15 trillion from 249 companies under the ₹22,919 crore Electronics Component Manufacturing Scheme (ECMS), Union Minister for Electronics and Information Technology Ashwini Vaishnaw said.

“The trust that the world has developed for India over the past 11 years is showing in the form of investment, production, and employment commitments by global companies,” Vaishnaw said.

The first approvals under the ECMS are expected to be issued within the next few months, with production likely to begin before the end of 2026, a senior government official added.

Of the 249 applications received so far, the Ministry of Electronics and Information Technology (MeitY) has received 87 from companies, including micro, small, and medium enterprises (MSMEs), seeking to manufacture electro-mechanical components. Another 22 companies, proposing an investment of ₹8,642 crore, have applied to produce display module sub-assemblies in India, while 14 companies, with a proposed investment of ₹6,205 crore, aim to set up camera module sub-assembly units.

As many as 43 applications have been received from various companies, including MSMEs, for the manufacturing of PCBs. Meanwhile, 16 companies have proposed investments of ₹35,813 crore to manufacture enclosures for mobile devices, IT hardware, and related products, Vaishnaw noted.

ECMS: Target Segment wise applications received and proposed investment



Target Segment	Number of Applications	Proposed Investment (Rs Cr)
Display Module Sub-Assembly	22	8,642
Camera Module Sub-Assembly	14	6,205
Non-SMD passive components	15	1,608
Electro-mechanicals	87	14,362
Multi-layer PCB	43	14,150
Li-ion Cells for digital application (excluding storage and mobility)	4	4,516
Enclosures for Mobile, IT Hardware products and related devices	16	35,813
HDI/MSAP/Flexible PCB	11	16,542
SMD passive components	2	535
Supply chain of sub-assemblies (A) & bare components (B) & (C)	18	9,226
Capital goods used in electronics manufacturing including their sub-assemblies and components	8	2,103
Optical Transceiver - SFP (Small form-factor pluggable)	9	1,645
Total	249	1,15,351

Ministry has started scrutiny of eligible applicants, will fastrack the approval process.

MSME – RELATED NEWS

Banks get 4 years to spread provisions for ECL norms, MSME relief ahead

The Reserve Bank of India (RBI) has decided to give a glide path of four years starting 1 April 2027, to banks to spread higher provisioning requirements while transitioning to the expected credit loss (ECL) framework from the current incurred loss framework. Moreover, the regulator proposed tweaking risk weights for loan to MSME and residential housing loans, which will release capital for banks. This new framework of provisioning with prudential floors is proposed to be made applicable to all Scheduled Commercial Banks with effect from 1st April 2027. ECL norms will not be applicable for Small Finance Banks (SFBs), Payment Banks (PBs), Regional Rural Banks (RRBs) and All India Financial Institutions (AIFIs). “They will be given a glide path (till March 31, 2031) to smoothen the one-time impact of higher provisioning, if any, on their existing books,” RBI Governor Sanjay Malhotra said while announcing the review of the monetary policy on Wednesday. Rating agency ICRA had projected a 300-400 basis point reduction in core capital ratio of banks for the expected credit loss (ECL) effect. “As against our earlier estimate of implementation from April 1, 2025, the proposed implementation from April 1, 2027, onwards will moderate the impact, given the consistent improvement in asset quality in recent years,” ICRA said.

Source: By Manojit Saha, <https://www.business-standard.com/>, October 01, 2025

Haryana MSME's provided 15 lakh jobs to youth: CM

Haryana Chief Minister Manohar Lal Khattar said the state's MSME sector has created over 15 lakh jobs for youth in recent years, driven by investor-friendly policies and rapid industrial growth. He emphasized that MSMEs are the backbone of Haryana's economy and crucial for employment generation. The government has focused on skill development to match industry requirements, while also promoting new industrial clusters and estates. Khattar noted that ease of doing business and better infrastructure have attracted entrepreneurs and startups to the state. He assured continuous support to MSMEs through credit, technology, and market access initiatives. The CM highlighted that various incentives and schemes have encouraged innovation and manufacturing. He added that Haryana is working to strengthen its position as a hub for industries and entrepreneurship. Khattar underlined that the state's economic growth is linked directly to the success of MSMEs. He reiterated the government's commitment to empower youth through more employment opportunities in the coming years. The CM also stressed that MSMEs will play a pivotal role in achieving the state's long-term development goals. He called upon young entrepreneurs to take advantage of the state's policies and contribute to building a self-reliant Haryana.

Source: <https://www.thestatesman.com/>, September 29, 2025

Strengthening MSME sector essential for generating jobs: Minister

Union Minister of Micro, Small and Medium Enterprises (MSME) Jitan Ram Manjhi on Sunday said, “The MSME sector holds great significance in India, as it is one of the largest contributors to job creation. Strengthening the MSME sector is essential, as it serves as a vital medium for generating employment and empowering our people. With this, our future looks bright.” Manjhi presided over the MSME Seva Parv-2025: Virasat se Vikas, which was inaugurated by Union Minister of State for MSME Shobha Karandlaje at Rudraksha Convention Centre in Varanasi. The three-day event which will conclude on September 30, is being held to bring together communities, institutions, and individuals in a collective movement of seva, cultural pride, and enhancing awareness of our heritage. Manjhi also inaugurated a three-day exhibition with 130 stalls showcasing and selling products made by local artisans and craftsmen. Manjhi also highlighted key initiatives such as Udyam Registration, PMEGP, CGTMSE and NSSH, and emphasised how the ministry is supporting beneficiaries by providing training, distributing toolkits, and facilitating loans through banks. Speaking at the event, Union Minister of State for MSME, Shobha Karandlaje stated, “We have a goal to reach the top. As our Prime Minister envisioned, we must stay committed to achieving it. The PM’s vision is to realise Mahatma Gandhi’s dream of promoting Swadeshi. The MSME sector plays a crucial role as a major driver of job creation.

Source: <https://www.hindustantimes.com/>, September 25, 2025

Lending Norms Tightening as Early Signs of Stress Emerge in MSMEs

Banks and non-banking finance companies (NBFCs) are strengthening their underwriting models as early signs of stress surface in the micro, small and medium enterprise (MSME) sector. Rising delinquencies, especially in small-ticket loans, are pushing lenders to adopt more data-driven and nuanced credit assessment frameworks. Kotak Mahindra Bank sees rural India as a major growth driver over the next five to seven years. “We’re expanding our distribution and leveraging data analytics to improve credit assessment and risk management,” said Manish Kothari, group president & head – commercial banking. Lenders are increasingly relying on alternative data such as GST filings, cash-flow patterns, verified transactions, utility payments, digital footprints, and supply chain records to evaluate borrower credibility. Multiple unsecured loans also serve as a red flag during assessments. Credifin, for instance, has adjusted its lending policies in response to market realities. “We have extended the tenure of e-rickshaw loans to 36 months after observing income compression due to saturation in certain geographies,” said Shalya Gupta, MD & CEO. DBS Bank India has also waived prepayment and foreclosure charges for registered MSMEs, enabling businesses to repay early and channel funds into expansion or technology upgrades.

Source: <https://knnindia.co.in/>, September 29, 2025

POLICY MATTERS – SEP 2025

1. Customs Notification No. 37/2025 – Defence Imports Duty Exemption Date: 17 Sept 2025

Notification No. 37/2025 amends 19/2019-Customs, expanding concessional customs duty for defence-related imports. Key inclusions: flight simulators, HACFS/IAWDS parts, MRSAM system components, military aircraft, rescue vessels, drones, communication devices, diving systems, missiles, and relevant spares/documentation. Effective 22 Sept 2025, it supports defence and aerospace readiness in India.

Reference: CBIC Notification No. 37/2025

2. Key GST Notifications – Procedural Reforms Date: 17 Sept 2025

CBIC Notifications 13–16/2025 introduce GST procedural relaxations under Finance Act, 2025. Highlights: turnover <₹2 Cr exempted from annual return, provisional refund restrictions, and implementation of key sections from 1 Oct 2025. Strengthens Aadhaar verification, streamlines compliance, and ensures transparency for small taxpayers.

Reference: CBIC Notifications 13–16/2025

3. DGFT Revises SCOMET List 2025 Date: 23 Sept 2025

DGFT revises the SCOMET List under Schedule-II (ITC HS 2022) to align with multilateral export control regimes. Effective 30 days from notification, it ensures compliance for manufacturers and exporters of controlled chemicals, technologies, and dual-use items, safeguarding international trade and non-proliferation commitments.

Reference: DGFT Notification 31/2025-26

4. CBIC Notification 40/2025 – Project Imports Duty Exemption Extended Date: 25 Sept 2025

Duty exemption for select Project Imports under Notification 50/2017-Customs extended to 30 Sept 2027. Applicable to power generation, transmission, mega projects, nuclear, water supply, and other critical infrastructure. Supports capital-intensive electronics manufacturing projects, including fabs, PCB facilities, and assembly plants, ensuring continuity of benefits.

Reference: CBIC Notification 40/2025

5. DGFT RoDTEP Export Incentive Extension Date: 30 Sept 2025

Notification 35/2025 extends RoDTEP for six months till 31 Mar 2026. Applicable to DTA, AA, EOU, SEZ units. Refunds non-creditable taxes/duties to maintain export competitiveness. Rates 0.3–3.9% per 8-digit HS codes.

Reference: DGFT Notification 35/2025

6. INITIATION NOTIFICATION Case No. AD (OI):4112025 Dated: 26th September 2025

India's Directorate General of Trade Remedies (DGTR), Ministry of Commerce, Government of India, has officially initiated anti-dumping investigation concerning imports of "Printed Circuit Board Tools" originating or exported from China PR.

F. No. 06/46/2025-DGTR - Having regards to the Customs Tariff Act 1975, as amended from time to time (hereinafter also referred to as the "Act") and the Customs Tariff (identification, Assessment and Collection of Anti-dumping Duty on Dumped Articles and for Determination of Injury) Rules, 1995 thereof, as amended from time to time (hereinafter also referred to as the "Rules" or the "AD Rules"), Ind-Sphinx Precision Limited (hereinafter also referred to as the "applicant" or "domestic industry") has filed an application before the Designated Authority (hereinafter also referred to as the "Authority"), for initiation of an antidumping investigation on imports of "Printed Circuit Board Tools" (hereinafter also referred to as the "Product under consideration" or "PUC" or "subject goods") originating in or exported from China PR (hereinafter also referred to as the "subject country").

The applicant has alleged that the subject goods are being imported into India from the subject country at dumped prices and causing material injury. Accordingly, the applicant has requested for imposition of anti-dumping duty on the import of the subject goods originating in or exported from the subject country.

The product under consideration in the present application is "Printed Circuit Board (*PCB) tools" namely PCB drill and PCB router. PCB drill and PCB router are also known as PCB drill bits and PCB router bits respectively.

Reference: DGFT F. No. 06/46/2025-DGTR

International Events

	KPCA SHOW 2025 3-5 September 2025 Songdo Convensia Convention Center, Incheon, South Korea
	TPCA SHOW 2025 Oct 22 - Oct 24, 2025 TaiNEX, Taipei City 11568, Taiwan
	CPCA SHOW PLUS October 28 – 30, 2025 Shenzhen World Exhibition & Convention Center
	HKPCA SHOW 2025 3-5 Dec 2025 Shenzhen World Exhibition & Convention Center (Bao'an)
	IPC APEX EXPO March 17 -19, 2026 Anaheim Convention Center
	CPCA Show 2026 24 -26 March 2026 NECC National Exhibition and Convention Center, Laigang Road Shanghai (CN)
	JPCA Show 2026, 10-12 June 2026 The Tokyo Big Sight convention center in Tokyo, Japan.
	THECA SHOW 2026 26-28 August 2026 BITEC EH 98-99, Bangkok Thailand
	KPCA SHOW 2026 9-11 September 2026 Songdo Convensia Convention Center, Incheon, South Korea

Domestic Events

	The Global Leaders Meet on ITAD & WEEE 2025 October 30th and 31st, 2025, at The Leela Ambience, New Delhi
	PCIM India Conference on Power Electronics and Applications 2025 December 9th & 10th, 2025 Dr. Ambedkar International Centre, New Delhi www.pcim.in

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