

EM 2025 Service and Product Pricing Table

Tr Additive Manufacturing for Rapid-Prototyping	Rate	Tr Unit Type	Tr Description	Service Type	ITEM ID	SKU
Electromechanical System Optimization & Analysis	\$85.00	Hours	Electromechanical System Optimization & Analyses performed via Ansys MotorCAD & Maxwell Electromechanical Optimization & Advanced EMC Simulation Software.	Electrical Engineering	4587795000003062109	
Electrothermal & Electronics Cooling Analyses	\$85.00	Hours	Electrothermal & Electronics Cooling Analyses performed via Ansys Icepak CFD/ETHM Analysis/Simulation Software.	Electrical Engineering	4587795000003062075	
EMI Optimization & Analyses	\$85.00	Hours	EMI Optimization & Analyses performed via ANSYS HFSS IC, RF, & EMI Analysis/Simulation Software.	Electrical Engineering	4587795000003062054	
IBIS-AMI & SerDes Analyses	\$85.00	Hours	IBIS-AMI & SerDes Analyses performed via Ansys SIWave Signal Integrity Analysis & Simulation Software.	Electrical Engineering	4587795000003062020	
PCB & Circuit Design Analysis	\$20.00	Hours	PCB & circuit design engineering consulting analyses performed by EM Engineering Solutions.	Electrical Engineering	4587795000003037587	
PCB Design & Layout	\$45.00	Hours	PCB Design and Layout through JLC EDA software with LCSC component optimization.	Electrical Engineering	4587795000000129979	
PCB Schematic & Circuit Design	\$30.00	Hours	PCB Schematic and Circuit Design through JLC EDA software with LCSC component optimization.	Electrical Engineering	4587795000000129988	
SI/PI, Impedance, & Crosstalk Analyses	\$85.00	Hours	Signal & Power Integrity, Impedance, & Crosstalk Analyses performed via Ansys SIWave Signal Integrity Analysis/Simulation Software.	Electrical Engineering	4587795000003062037	
SPICE & Circuit Simulation	\$45.00	Hours	SPICE & Circuit Simulation services are performed via JLC EDA software in conjunction with Analog Devices LTSPICE/LTPowerCADII.	Electrical Engineering	4587795000003062001	
Virtual Compliance & Certification Testing Analyses	\$55.00	Hours	Virtual Standardization Compliance & Certification Testing Analyses performed via Ansys SIWave & HFSS Analysis/Simulation Software.	Electrical Engineering	4587795000003062092	
BOM Creation & Management	\$20.00	Hours	Bill of Materials Creation & Management engineering consulting services performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037539	
Mechanical System Design Analyses	\$20.00	Hours	Mechanical System Design engineering consulting analyses performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037568	
Product Design Analyses (DFMEA)	\$20.00	Hours	Product Design & Design For Failure Mode Effects Analysis engineering consulting services performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037623	
Product Lifecycle Management & Feasibility Analyses	\$20.00	Hours	Product Lifecycle Management & Feasibility engineering consulting analyses performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037650	
Project Management Consulting	\$20.00	Hours	Project Management engineering consulting services performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037606	
Root Cause Analysis (RCA)	\$20.00	Hours	Root Cause engineering consulting analyses performed by EM Engineering Solutions.	Engineering Consulting	4587795000003037685	
Additive Manufacturing for Rapid-Prototyping	\$1.00	*MANUFACTUER PRICE*	Additive Manufacturing solutions for creating Rapid-Prototypes	Manufacturing & Fabrication	4587795000000130006	
CNC Lathe/Turning	\$1.00	*MANUFACTUER PRICE*	CNC Lathe/Turning Machining Services	Manufacturing & Fabrication	4587795000000130267	
Electronics BOM Order	\$1.00	*MANUFACTUER PRICE*	Electronics Bill of Materials Order	Manufacturing & Fabrication	4587795000000130420	
Injection & Blow Molding	\$1.00	*MANUFACTUER PRICE*	Injection & Blow Molding services	Manufacturing & Fabrication	4587795000000130348	
Labor & Assembly	\$15.00	Hours	Manual Labor & Assembly of subassemblies into final products	Manufacturing & Fabrication	4587795000000895551	
Metal & Multimaterial Casting	\$1.00	*MANUFACTUER PRICE*	Metal & Multimaterial Casting services	Manufacturing & Fabrication	4587795000000130366	
Multi-Axis CNC Milling	\$1.00	*MANUFACTUER PRICE*	Multi-Axis Machining Services	Manufacturing & Fabrication	4587795000000130258	
PCB Assembly	\$1.00	*MANUFACTUER PRICE*	PCB Assembly	Manufacturing & Fabrication	4587795000000130204	
PCB Manufacturing	\$1.00	*MANUFACTUER PRICE*	PCB Manufacturing	Manufacturing & Fabrication	4587795000000130096	
Profile Extrusion	\$1.00	*MANUFACTUER PRICE*	Profile Extrusion services	Manufacturing & Fabrication	4587795000000130411	
Sheet Metal & Pipe Bending/Forming	\$1.00	*MANUFACTUER PRICE*	Sheet Metal & Pipe Bending/Forming services	Manufacturing & Fabrication	4587795000000130339	
Sheet Metal & Pipe Cutting	\$1.00	*MANUFACTUER PRICE*	Sheet Metal & Pipe Cutting services	Manufacturing & Fabrication	4587795000000130294	
SMT Stenciling	\$1.00	*MANUFACTUER PRICE*	SMT Stenciling	Manufacturing & Fabrication	4587795000000130231	
Wire EDM CNC Machining	\$1.00	*MANUFACTUER PRICE*	Wire EDM CNC Machining services	Manufacturing & Fabrication	4587795000000130276	
2D Industrial & Professional Drafting [GD&T]	\$35.00	Hours	2D Industrial & Professional GD&T CAD Drafting performed via Autodesk Fusion 360 CAD/CAE software.	Mechanical Engineering Servi	4587795000000129997	
CAD	\$75.00	Hours	3D CAD geometric modeling completed via Autodesk Fusion 360 CAD/CAE Product Design software.	Mechanical Engineering Servi	4587795000000129961	
DFM/Assem./Auto./Test. Solutions	\$35.00	Hours	Design for Manufacturing, Assembly, Automation, & Testing Solutions generated via Autodesk Fusion 360 CAD/CAE Product Design Software.	Mechanical Engineering Servi	45877950000003037704	
Finite Element Analysis (FEA)	\$85.00	Hours	FEA mechanical engineering simulations generated via Autodesk Fusion 360 CAD/CAE Product Design Software.	Mechanical Engineering Servi	45877950000003037782	
Generative Design & Geometric Optimization	\$85.00	Hours	Generative Design & Geometric Optimization solutions generated via Autodesk Fusion 360.	Mechanical Engineering Servi	45877950000003037833	
Mold Flow & Manufacturability Optimization Analyses	\$85.00	Hours	Mold Flow & Manufacturability Optimization Engineering Analyses performed via Autodesk Fusion 360 CAD/CAE Product Design Software.	Mechanical Engineering Servi	45877950000003037816	

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Thermodynamic Analysis	\$85.00	Hours	Thermodynamic Engineering Analyses performed via Autodesk Fusion 360 CAD/CAE Product Design Software.	Mechanical Engineering Servi	4587795000003037759	
Tolerance Stackup Analysis (TA)	\$35.00	Hours	Tolerance Stackup Analyses performed via Autodesk Fusion 360 CAD/CAE Product Design Software.	Mechanical Engineering Servi	4587795000003037799	
ESA Security Deposit	\$1.00	Contract(s)	Security deposit payment paid to activate contract(s)	Other	4587795000002750051	
Variable Threshold Regenerative Braking System Cutoff Se	\$20.00	Unit	The Variable Threshold Regenerative Braking System Cutoff Sensor is an electronic brake cutoff sensor that works by detecting the regen throttle voltage applied when twistir	Products	4587795000001316007	VTRBSCS