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CADENCE DESIGN SYSTEMS INC. SWOT & PESTLE ANALYSIS

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Company Name : Cadence Design Systems Inc.

Company Sector : Electronic Design Products and Services

Operating Geography : United States, North America, Global

About the Company : Cadence Design Systems Inc. is a computer software firm headquartered in San Jose, California in USA. The company was founded in 1988 as a result of a merger between SDA Systems and ECAD, Inc. It is a pioneer in electronic design. The application of the company's Intelligent System Design methods enables concepts to turn into reality. The company primarily offers products for software and hardware purposes, it deals with silicon structures for designing custom Integrated Circuits (IC) and Radio Frequency (RF), looks into Digital Implementation & Sign-off Technologies, Verification technologies, designing Intellectual Property (IP) targeting areas, Packaging technologies, Printed Circuit Boards (PCB), System Analysis etc. It also offers solutions for Semiconductor and system companies by providing comprehensive, well planned end-to-end solutions to aid electronic designers to achieve best results. The company operates across 23 countries dealing with clients from various fields requiring dynamic applications for the market, communication in 5G mediums, computation etc. The company has a total of approximately 9000 employees as of June 2021.

Cadence Unique Selling Proposition or USP is its innovative capabilities that help turn their client's far-fetched ideas into reality. Their technology and computational expertise bring about the necessary functionality in the client's idea. The company was listed in Fortune's "100 Best Companies to Work For" for the sixth consecutive year in 2020. It was also ranked #45 in PEOPLE magazine's list of "Companies that Care" in 2020.

Revenue :

\$2,682.9 million – FY ending 2nd January 2021 (y-o-y growth 13.4%)

\$2,366.3 million – FY ending 2nd January 2020

SWOT Analysis :

The SWOT Analysis for Cadence Design Systems Inc. is given below:

Strengths	Weaknesses
<ul style="list-style-type: none"> 1. Leading player in the industry through strategic acquisitions 2. Intelligent system design strategy meeting requirements of engineers 3. Proprietary technology allows customers freedom to innovate and market freely 4. Consistently strong financials increasing stability in industry 	<ul style="list-style-type: none"> 1. Long sales cycle resulting in high customer acquisition costs
Opportunities	Threats
<ul style="list-style-type: none"> 1. Demand for electronic design tools across industries expected to grow 2. High demand for electronics design in China 3. Growth in programmable platforms to impact EDA industry positively 	<ul style="list-style-type: none"> 1. Delivery timing impacted due to coronavirus pandemic 2. Lowering of prices due to high competition in the industry 3. Risk of supply disruption due to limited number of suppliers 4. Quality of designs getting impacted by extreme pressure from customers

PESTLE Analysis :

The PESTLE Analysis for Cadence Design Systems Inc. is given below:

<p style="text-align: center;">Political</p> <p>1.Uncertain political conditions and trade relationships impacting customers' business 2.Governments' licensing requirements for exports lengthening sales cycle</p>	<p style="text-align: center;">Economical</p> <p>1.Economic downturn and volatile financial markets to impact demand 2.Foreign exchange rate fluctuations could impact business</p>
<p style="text-align: center;">Social</p> <p>1.Work from home culture post pandemic not affecting industry performance 2.EDA industry shifting from American to Asian markets</p>	<p style="text-align: center;">Technological</p> <p>1.5G technology scaling and accelerating globally 2.Growth of IoT transforming electronic design industry</p>
<p style="text-align: center;">Legal</p> <p>1.Revisions in tax laws impacting results from operations</p>	<p style="text-align: center;">Environmental</p> <p>1.Switching to renewable energy to combat climate change</p>

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