

Born Digital . Born Agile

Rugged multiport custom Gigabit Ethernet Switch





To design and develop a Rugged multiport custom Gigabit Ethernet Switch



Develop the hardware and customize the firmware/application to suit the hardware



Post-delivery and production support





Solution based on Vitesse Gigabit Ethernet Switch, 416MHz MIPS processor supporting IPv4 and IPv6 protocols



Uses Webstax provided by chip vendor, running on eCoS Operating system; Flash/configuration update through web and serial interfaces



Schematics capture, PCB Layout, Firmware/application customization, Prototype Bring up and functional tests, Thermal cycling tests, Feature verification/ performance tests





OrCAD capture, Cadence Allegro WebStaX™ SDK



Rugged, Industrial temperature grade (-40 to +85 degree Celsius)



Compact form factor design with custom connector, 6-layer stack up





Enables the customer to enter into industrial and transportation segments



Scalable due to the stackable hardware/-mechanical design



Rugged design enables the usage of this device in extreme environments

About Happiest Minds Technologies

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.



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