



**Revision History Company Name Rugged Board Project Title** RuggedBoard-A5D2x CB **Designed By Sriram** Version # Designer **Release Date** Verified **Modifications Done** Remarks 1P0 **Sriram MMDDYYYY** Baswaraj **Sriram MMDDYYYY** Baswaraj **Refer Notepad** 1P1 #1688, 25th Cross, 27th Main Rd HSR Layout, Bangalore, India. RuggedBoard Project Name: RuggedBoard-A5D2x CB Department: Design and Development 07-11-2019 PCB No: RB-A5D2x-V1.1 Rev:1P1 Sheet: 3 of 16 2

## **Project Overview** SCHEMATIC TITLE Page# 01 Introduction 02 Block Diagram 03 Revision History 04 **Project Overview** 05 SOM CONN- QUAD SMD Pads with GND Pads Bottom 06 Power Management Ethernet RJ45 CONN: 10/100Mbps and Serial Ports RS232 07 mPCIe CONN and Hybrid CONN (uSIM & uSD Sockets) 08 09 Serial Port RS485\_CAN and Debug Console Digital IN and Digital Out HDR's 10 USB Host and Power Limit Switch 11 Micro-BUS HDR Female Dual Row and Wifi ATWIL1000 /eMMC Module 12 13 SAM L11 Controller **Expansion Female Header** 14 LCD RGB CONN 15 Pin Muxing and Board Stack up info 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 #1688, 25th Cross, 27th Main Rd RuggedBoard HSR Layout, Bangalore, India. 33 34 Project Name: Department: Design and Development RuggedBoard-A5D2x CB PCB No: RB-A5D2x-V1.1 07-11-2019 Rev:1P1 Sheet: 4 of 16

2























