2 5 6 SH REV. 1 3.0 THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION <Drawing Number> MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE NOR FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM COMPRESSOR CONTROLS CORP. **PRODIGY** MPC5534 MICROCONTROLLER BOARD **REVISION HISTORY REV DATE AUTHOR DESCRIPTION/MODIFICATIONS** 1.0 R. Vasavi Preliminary release 29.04.11 R. Vasavi 06.06.11 Added IOP board connectors 1.1 Changed the JTAG/Nexus, CPLD & RS232 to right angled type 1.2 30.06.11 R. Vasavi Changed the RS232 debug console to RS485 Moved the second SPI EEPOM to IOP board eTPU & eMIOS interfaces support for 16 DI & 16 DO Addition of mictor connectors Added Termination on ECAT RX Lines 2.0 AJM 3.10.2011 Changed value of C218-C220 Updated parts with the standard 11.07.12 VAIBHAV DOSHI 3.0 Prodigy\_Parts\_Library Power supply for 1.5V,3.3V,5V changed MPC\_CLK signal added Voltage monitoring Op-Amp replaced COMPRESSOR CONTROLS CORPORATION **APPROVALS** DATE 4725 121st Street - Des Moines, lowa 50323 11-07-2012 VAIBHAV DOSHI SHEET1-TITLE CHECKED <Checked Date> <Checked By> PROD REV. ENGINEER <Drawing Number> <Scale> CCCNGP\_MPC5534\_BOARD\_REV3.0.sch 3

























