2 5 6 SH REV. 1 A 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** R. Vasavi Preliminary release 29.04.11 1.0 R. Vasavi Added IOP board connectors 1.1 06.06.11 Changed the JTAG/Nexus, CPLD & RS232 to right angled type 30.06.11 1.2 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 3.10.11 AJM Changed value of C218-C220 VAIBHAV DOSHI Power supply for 1.5V,3.3V,5V changed 12.12.12 MPC_CLK signal routed to IOP CPLD Voltage monitoring Op-Amp replaced EEPROM programming through MPC5534 availed MRAM replaced by 4MB MRAM eTPU and eMIOS lines powered by 3.3V Fault_LED circuitry added Programming connector replaced by Board edge type ECAT port 1 used to reduce power consumption COMPRESSOR CONTROLS CORPORATION **APPROVALS** DATE 4725 121st Street - Des Moines, lowa 50323 17-10-2012 VAIBHAV DOSHI SHEET1-TITLE CHECKED <Checked Date> <Checked By> PROD REV. ENGINEER <Drawing Number> VAIBHAV DOSHI <Scale> CCCNGP_MPC5534_BOARD_REV3.0.sch 2 3 5 6



























