THIS DOCUMENT IS THE PROPERTY OF SYNAPSE BIOMEDICAL INC. AND MAY NOT BE ECN REV DESCRIPTION USED, REPRODUCED, PUBLISHED OR DISCLOSED TO OTHERS WITHOUT EXPRESSED DCN 105 See notes 1 01 WRITTEN AUTHORIZATION BY SYNAPSE BIOMEDICAL INC. THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARYDESIGN AND ALL DESIGN, MANUFACTURING, USE AND **DCN 108** 02 See notes 2 SALES RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED. DCN 119 See notes 3 04 See Note 4 Notes: Initial Release. Circuit design equivalent to CWRU PM1B with changed manufacture of several resistors and capacitors for manufacture and supplie r conformity. - Added Part Number MURATA - GCM21BR72A104KA37K to C1 and C6 51-2002-01 Pulse Generator (PG4) - Added Part Number MURATA GRM188R61H105KAALD to C2, 14, 15, 30, 38, - Added Part Number Vishay Siliconix - SI1026X-T1-E3 to U17 - Added Part Number Texas Instruments - SN74LVC2G02YEAR to U20 and U21 - Added Part Number Linear Technology -LT1964ES5-BYP#TRMPBF to U9 - Added Part Number NDK NX5032GA-8.000Mto Y1 - Changed U24 from Texas Instuments REF3312AIDCKR (SC70-3) to Pg1 TOC, Revision History REF3312AIDBZR (SOT23-3) to match the PCB footprint. Pg2 Documentation 1 - Removed Date and Approved blocks from the history block of the schemnatic template Pg3 PCB fold and layout rules Pg4 Modular and test header - Changed C33 from a 330pF to 330nF (0.33uF) Pg5 Network Interface Pg6 PG4 Microcontroller Pg7 Analog/Digital Peripheral System Pg8 PG4 Pulse Generator DOCUMENT NAME Schematic table of contents. Revision History. DATE DRAWN SIZE DOCUMENT NUMBER REV. R. Yoder 2/19/2020 51-2002-01 04 A. Zbrzeski 2/19/2020 SHEET OF













