REVISIONS Authority Rev Description Date Approved NOTE: This schematic needs to be viewed in color. Draft derived from 725001 RC03, NXPFMUVxV-BASE-T1 09/26/2023 DBS Change R1 to 115K and R2 to 38.3K for HW REV code point 3. Add 2x safety switch 11/28/2023 DBS signals to J4. DSM connector J2 S3B-ZR-SM4A-TF corrected pin 1 location to opposit Text in BLUE are not net names. They are labels to reference the v5X PAB pinout. **TABLE OF CONTENTS** NOTES, unless otherwise specified DESCRIPTION **PAGE COVER SHEET** - All Resistors 1%, 1/16 W PIXHAWK AUTOPILOT BUS (PAB) 2 - All Capacitors are in micro Farads, +/- 10%, 50V UART, I2C 3 CAN, SPI 4 RC, CAP 5 **POWER INPUT** 6 PX4 FMUVxX - IMU 7 **POWER SERVO** 712025 8 **ETHERNET** 9 10 **SENSORS** Flex FMUM-RT117X - FMUM 725002 PAB Dual Connector Interface NXP FMUVxX-RT117X-BASE-T1 (100BASE-T1 1-Pair) 725003 **REVISIONS** © 2022 NXP Title FMUMVxX-RT117X-BASE-T1 6501 William Cannon Dr. West Austin, TX 78735-8598 Rev: 02 Author: Dugan Yoon Date: 11/28/23 File: cover.SchDoc 2 3

















