



To: Jack Kelly
From: Jack Kelly
Date: Dec 6, 2019
Subject: DeBug Log for Explorer HAT Rev B1 to Rev C

1. Sheet 1 ESD +3.3V protection
added V2 AVX VC120603D100DP
2. Sheet 2 Hysteresis fix for shut down, ESD Battery protection
R21 was 4.99 0.1% now 732K 1% 0603
R9 was 340K 0.1% now 357K 0.1% 0603
R22 was 665K 0.1% now 383K 1% 0603
R23 was 402K 0.1% now 100K 1% 0603
R34 deleted, added to sheet 4
Added V3 AVX VC120605D150DP
3. Sheet 3 no changes
4. Sheet 4 ESD protection buttons and Display
Added U13 and U14 On Semi CM1213A-02SR
Added C31 and C32 0.22uF 50V X7R 10% 0603
Added R34 and R39 100 ohms 0603 1%
5. Change name from Explorer Board HAT to Radio Explorer HAT
6. R22 change from 0805 to 0603
7. Put in lines from Ref to components, silkscreen
8. Change name from Explorer Board HAT to Radio Explorer HAT
9. Change name to Radio Explorer HAT