

August 25 (Wed) Note: ON your RF Bound. ZO Access to CPUTING e.g. GPID pins SPI pins. Homework: Purchase ASKRF module By Sept. 8th [wed) F143. OR ideally 'Sept 3rd (Fri) 2 Blocks & RX Note: To provide hardware Debugging CKT. ON Both Need to Be Forward. You may want to have the DC PWR Delivered via CATS Calobe From John Emhedded Bourd. 12545 POS (7in) : 8 Debugging Capability on the R.F. Board; 1) Objective: Tovismure/observe RF. modile, to Build GPID atout. RF Board. 1° ASK R.F. a LED (Red, Green), 4~10mA, Amplitude Switch Keying Connectors (to Cable to RF Board)

E RJ45 Right Angle Connectors Z. Rxi Receiving A piece of CATS Cuble (Ethernet)

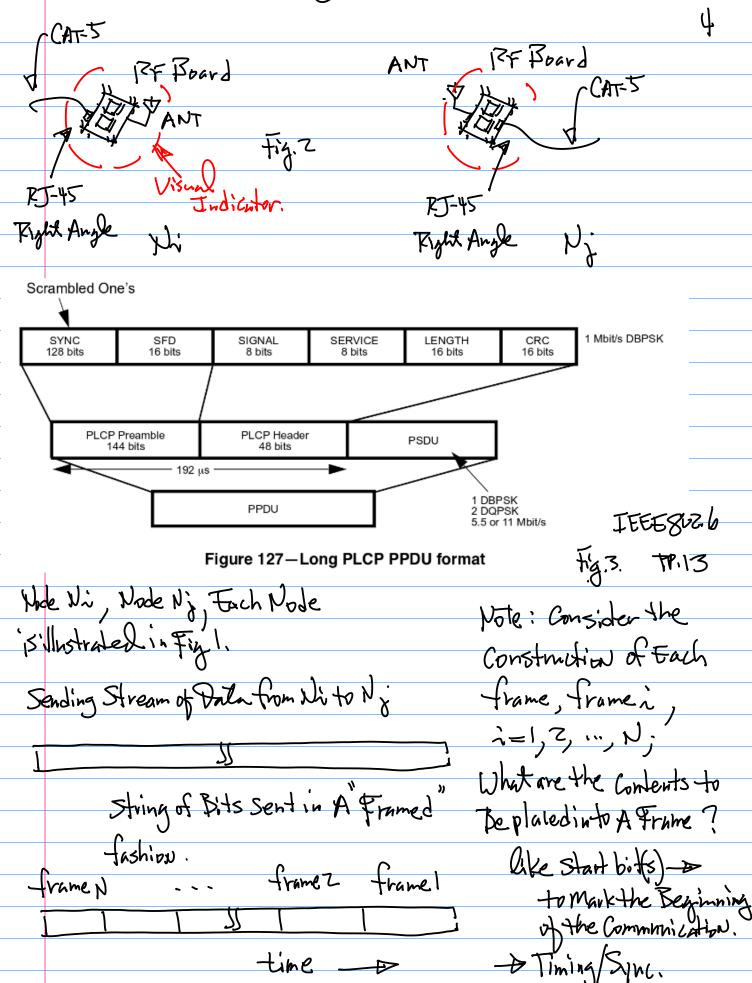
So GPJO JA

Compounents J Resistors & External pwil GPJO JA

Compounents J Resistors & Trepulation Data Pin 7805,7812 DR

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Honework: Tokethy Bring Your 5. PUR Stribution to RF Board: Wive Wropping Board for RFB a 5VOC is adequate Design, 4x3 Inch ; But RF. module Can be operated with To Rild FFB AggerPower, GVDC 1° Board 20 4 Standoffs OR 7.5 VDC may be needed during Debugg 30 Birld I/O I/F Testing CET. 1 To Lightup LED When ON Owtput "|" Sept 1. (Wed) To Turn off LED When CPU Owland "o" Ref: JEEE 802. P github/Rudili/cmpez45/2018F Output Testing ``_7@\F_'' Tw Toggles to Vcc, when Vcc, ard Z. Topics: Design R.F. Donrd for the 1st homework. Zpts. (Hardware) Reads of "1" JW" "to FND, CPU From PP.Z. System View Reads as "O" Input Testing PF Board 4 CAT-S Ethernet Cible 72.745 Right Angle Connectors (2) The for Embedded; One for RF Board,



CR. (Cognitive Radio), SDR (Software Defined Padio).

multiple Bits in Sync. Dealyn - Move Reliable - Robust Performance Maybe

Question: What is the general The Objective for P.F.

guideline in terms of design ning Board Fromework Design:

Sync" Field?

To Allow Ni, N, to Sync. multiple tits of what? 2-Step Approach: 3 bits Example: 62 61 60 0 0 0 2=8 0 1 0 Stepl. Based on Land Line; Step Z. then R.F (Wireless) Hence, R.F. Board will have to CAT-5 Support 2017-lious.
(TO Emb) Toggle S/W Transition - Change of State P.F. Tx module

ANT

Wiveless

The For Exemple "1" or Magnitude A "" Figs. R.F. Board CATS (To the other Receiver Board) To provide test possible Transitions, e.g. Z.C Tick OX5 Binary: 101