



| Title |                                      |           |
|-------|--------------------------------------|-----------|
| Size  | Number                               | Revision  |
| A4    |                                      |           |
| Date: | 12/22/2014                           | Sheet of  |
| File: | D:\1.Embedded Engineering\CC2530.Sch | Drawn By: |



| Comment    | Description                     | Designator                    | Footprint  | LibRef             | Quantity |
|------------|---------------------------------|-------------------------------|------------|--------------------|----------|
| 2.2u       | Capacitor                       | C1                            | 0402       | CAP                | 1        |
| 0.1        | Capacitor                       | C5, C7, C12, C101, C211, C241 | 0402       | CAP                | 6        |
| 220p       | Capacitor                       | C6                            | 0402       | CAP                | 1        |
| 27pF       | Capacitor                       | C8, C9                        | 0402       | CAP                | 2        |
| 15pF       | Capacitor                       | C10, C11                      | 0402       | CAP                | 2        |
| 1uF        | Capacitor                       | C14                           | 0402       | CAP                | 1        |
| 18p        | Capacitor                       | C251, C261                    | 0402       | CAP                | 2        |
| 1p         | Capacitor                       | C252, C262                    | 0402       | CAP                | 2        |
|            | Capacitor, Capacitor, [NoValue] | C253, C255, L251              | 0402       | CAP, CAP, INDUCTOR | 3        |
| 2.2p       | Capacitor                       | C254                          | 0402       | CAP                | 1        |
| 1u         | Capacitor                       | C391                          | 0402       | CAP                | 1        |
| 50oh       | Generic Antenna                 | E1                            | ANT        | ANTENNA            | 1        |
| CC2530     |                                 | IC1                           | PVQFN-N40  | CC2530             | 1        |
| 2nH        |                                 | L1, L252, L261                | 0402       | INDUCTOR           | 3        |
| Header 7X2 | Header, 7-Pin, Dual row         | P1                            | HDR2X7     | Header 7X2         | 1        |
| Header 6X2 | Header, 6-Pin, Dual row         | P2                            | HDR2X6     | Header 6X2         | 1        |
| 10K        |                                 | R3                            | 0402       | RES2               | 1        |
| 56K        |                                 | R5                            | 0402       | RES2               | 1        |
| 32M        | Crystal                         | Y1                            | XT-SMD3225 | CRYSTAL            | 1        |
| 32.768K    | Crystal                         | Y2                            | XT_3       | CRYSTAL            | 1        |
|            |                                 |                               |            |                    |          |