

| Designator                             | Qty. | Value/Description       | Package       | Manufacture | Manufacturer P/N | Supplier | Supplier P/N |
|--|------|-------------------------|---------------|-------------|------------------|----------|--------------|
| C1, C2, C3, C4, C5                     | 5    | CAP CER 100nF           | 0603 (1608)   |             |                  |          |              |
| C6, C8, C11                            | 3    | CAP TANT 10uF           | 1210 (3528)   |             |                  |          |              |
| C7, C9, C10, C12, C13                  | 5    | CAP CER 1uF             | 0603 (1608)   |             |                  |          |              |
| C14, C15, C16, C17, C18, C19           | 6    | CAP CER 4.7nF           | 0603 (1608)   |             |                  |          |              |
| D1                                     | 1    | TVS Diode               | DO-214AC(SMA) | Taychipst   | SMAJ5.0CA        |          |              |
| FB1, FB2, FB3, FB4, FB5, FB6, FB7, FB8 | 8    | FERRITE CHIP            | 0603 (1608)   | Murata      | BLM18PG471SN1    |          |              |
| J1, J2, J3                             | 3    | PJ325 3.5mm phone jack  | -             |             | PJ325            | eBay     |              |
| P1                                     | 1    | Pin header 2.54mm 14pin | -             |             |                  |          |              |
| P2, P3, P4, P5, P6                     | 5    | Pin header 2.54mm 3pin  | -             |             |                  |          |              |
| R1                                     | 1    | RES 1k ohm              | 0603 (1608)   |             |                  |          |              |
| R2                                     | -    | DNI                     | 0603 (1608)   |             |                  |          |              |
| R3, R4                                 | 2    | RES 150 ohm             | 0603 (1608)   |             |                  |          |              |
| R5                                     | 1    | RES 3.3k ohm            | 0603 (1608)   |             |                  |          |              |
| R6, R9, R10, R11, R12                  | 5    | RES 4.7k ohm            | 0603 (1608)   |             |                  |          |              |
| R7, R8                                 | 2    | RES 100 ohm             | 0603 (1608)   |             |                  |          |              |
| R13, R14                               | 2    | RES 100k ohm            | 0603 (1608)   |             |                  |          |              |
| U1                                     | 1    | TLV320AIC23BPW          | TSSOP-28      |             |                  |          |              |

Option : CW Key Dot/Dash Pull-up resister ( no solder pad on PCB )

|   |   |              |             |  |  |  |  |
|---|---|--------------|-------------|--|--|--|--|
| - | 2 | RES 4.7k ohm | 0603 (1608) |  |  |  |  |
|---|---|--------------|-------------|--|--|--|--|