



TC8871 Gain =  $2 * 100k\Omega / (10k\Omega + R3)$   
 Input High Pass:  $f = 1 / (2 * \pi * R3 * C3)$   
 ( $R4 = R3$ ,  $C4 = C3$ )

MCP73831 can be replaced by TP4054  
 Charge current:  $I = 1000V / R6$  (max 500mA)

|                     |  |                               |
|---------------------|--|-------------------------------|
| TITLE: Pocket Radio |  | REV: 1.0                      |
| Company: ABKA       |  | Sheet: 1/1                    |
| Date: 2022-06-17    |  | Drawn By: Abdurrahman Karadağ |