

| Line # | Designator         | MPN                | Quantity | Description  | MFR              |
|--------|--------------------|--------------------|----------|--|------------------|
|        | C1, C2, C6, C7, C8 | 885012108022       | 5        | MLCC 10uF 50V 10% X7R 1206 General Purpose                                 | Würth Elektronik |
|        | C3, C4             | 885012207103       | 2        | MLCC 1uF 50V 10% X7R 0805 General Purpose                                  | Würth Elektronik |
|        | C5                 | 885012207084       | 1        | MLCC SMD 470p 50V 10% X7R 0805 General Purpose                             | Würth Elektronik |
|        | D1, D2, D3         | V1PM10M3           | 3        | Schottky Rectifier 1A 100V MicroSMP (DO-219AD) V1PM10M3                    | Vishay           |
|        | D4                 | BZD27C27P-M3       | 1        | Zener 27V 0.5W BZD27C27P-M3  | Vishay           |
|        | D5                 | PLZ16B-G3H         | 1        | Zener 16V 0.5W PLZ16B-G3H  | Vishay           |
|        | D6                 | PLZ4V7B-G3H        | 1        | Zener 4.8V 0.5W PLZ4V7BG3H   | Vishay           |
|        | Q1                 | SQ2318AES          | 1        | N-Channel MOSFET 40 V SOT23-3 SQ2318AES                                    | Vishay           |
|        | R1                 | RC0603FR-07806KL   | 1        | Thick Film Resistors 806k 1% 0.1W  | Yageo            |
|        | R2                 | RC0603FR-07232KL   | 1        | Thick Film Resistors 232k 1% 0.1W  | Yageo            |
|        | R3                 | RT0603BRD0793K1L   | 1        | Thin Film Resistors 93.1k 0.1% 0.1W 0603 RT0603BRD0793K1L                  | Yageo            |
|        | R4                 | RT0603BRD0710KL    | 1        | Thin Film Resistors 10k 0.1% 0.1W  | Yageo            |
|        | R6                 | CMP0805-FX-1000ELF | 1        | Thick Film 100 5% 0.5W 0805 High Power CMP0805-FX-1000ELF                  | Bourns           |
|        | R7                 | RC0603FR-0710KL    | 1        | Thick Film Resistors 10k 1% 0.1W   | Yageo            |
|        | R8                 | RC0603FR-073R3L    | 1        | Thick Film Resistors 3.3 1% 0.1W   | Yageo            |
|        | T1                 | 750318131          | 1        | WE-AGDT Transformer 9V-18V 6W for use with LT8302 AEC-Q200                 | Würth Elektronik |
|        | U1                 | LT8302HS8E         | 1        | No-Opto Isolated Flyback Converter, 2.8 to 42 V, 8-Pin SOIC (S8E) AEC-Q100 | ADI/LT           |