



Figure 2

Texas Instruments' TLV2760 has a shutdown spec of $0.01 \mu\text{A}$ (a). This comparison is for a portable medical device that users employ four times per day for one minute each time, yielding an effective duty cycle of $4/1440$ —less than 1% on-time. The always-on OPA microcontroller has active and quiescent modes of $1 \mu\text{A}$ (b).