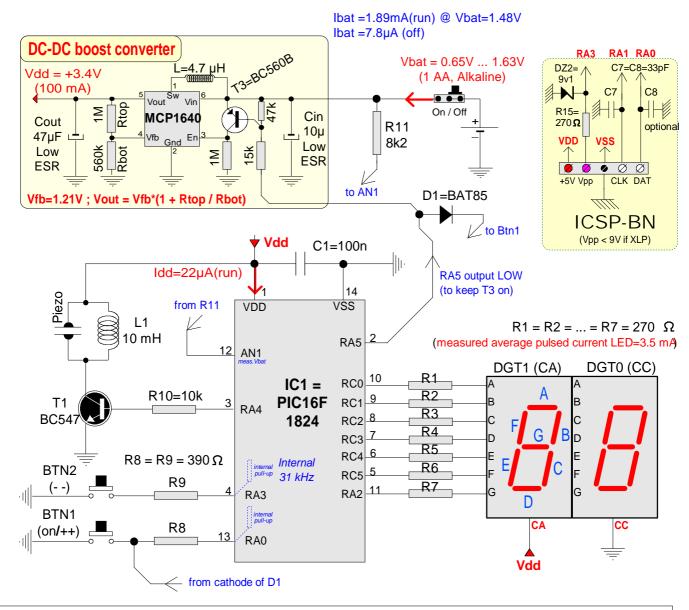
TEMPORISATEUR 99 MINUTES + ALARME

(KL101/KL101PP.DRW - A4 / mm)

à base du PIC16F1824

07/10/2017



MCP1640D: synchronous boost with input-output bypass at shutdown: lout = 100mA / Vout = 5.0V @ Vin=1.5V ; 0.65V start-up @ Vout=3.3V / 1 mA $Iq = 19\mu A$ at no load (in PFM mode); $Iq = 220\mu A$ at no load (in PWM mode) PWM operation @ 500 kHz; shutdown current < 1µA Vin (max) = 6.5 VBC547 (N/BF): 125...500@2mA / 50V / 200 mA BC548: 25...900@2mA / 30V / 200 mA PIC16F1824: 14-pin Flash Microcontroller BC549: 240...900@2mA / 30V / 200 mA (TO92) with nanoWatt XLP Technology : BC550: 240...900@2mA / 45V / 200 mA 4 Kwords Flash ROM (self-write) + 256 bytes static RAM + 256 EEP. BC 547 BC557(P/BF): 75...450@2mA / 45V / 100mA + 4 timers 8-bit + 1 timer 16-bit + EUSART + ECCP/PWM + SR Latch BC558: 25...800@2mA/30V/100 mA + 8 ADC 10bit + 8 capacitive sense + 2 Comparators BC559: 240...800@2mA / 30V / 100 mA B E Low power: BC560: 125...800@2mA / 45V / 100 mA 165 μA @ 4MHz, 1.8V; 21 μA @ 31kHz, 1.8V; 20 nA @ 2V standby (low noise BC559 & BC560) 3∄ vss TC1047A (SOT23) CCP2/P2A/T1CKI/T1OSI/OSC1/CLKIN/RA52 RA0/AN0/CPS0/C1IN+/DACOUT/TX/CK/ICSPDAT 1 ∃2 T1G/P2B/SDO/CLKR/T1OSO/CLKOUT/OSC2/CPS3/AN3/RA3 RA1/AN1/CPS1/C12IN0-/VREF+/SRI/RX/DT/ICSPCLK Vdd Vout MCLR/VPP/T1G/SS/RA3 RA2/AN2/CPS2/T0CKI/INT/C1OUT/SRQ/CCP3/F temperature to voltage converter 10 RC0/AN4/CPS4/C2IN+/SCL/SCK/P1D MDCIN2DT/RX/CCP1/P1A/RC5 T = - 40°C ...+125°C MDOUT/CK/TX/P1B/SRNQ/C2OUT/RC4 RC1/AN5/CPS5/C12IN1-/SDA/SDI/P1C/CCP4 accuracy = +/- 0.5% @ 25°C 1Vdd=2.5V ... 5.5V MDMIN/SS/PIC/CCP2/P2A/C12IN3-/CPS7/AN7/RC8 RC2/AN6/CPS6/C12IN2-/P1D/P2B/SDO/MDCII lq = 35 μA typical