



1

120 110 100 90 80 70 66 64 60 50 40 30 20 10 02

LD1 R43 R44 LD2

R30 R31 R32 R33 R34 R35 R36 R37 R38 R40 R41 R42 R43 R44 R45 R46  
C22 C23 C24 C25 C26 C27 C28  
R29 R28 R27 R26 R25 R23 R22 R21 R20 R19 R18 R17 R16 R15 R14 R13 R12 R11 R10 R9 R8 R7 R6 R5 R4 R3 R2 R1  
C15 C16 C1 C5 C4 C3 C2 C18 C17 C19 C8 C9 C10 C11 C12 C13

UK CA 50 CE RoHS TP1 R2 J2

RX TX NC PGC PGD VSS VCC MCLR



**MICROCHIP**  
EU22K90A  
dsPIC33AK256MPS306 MC DIM

Y1