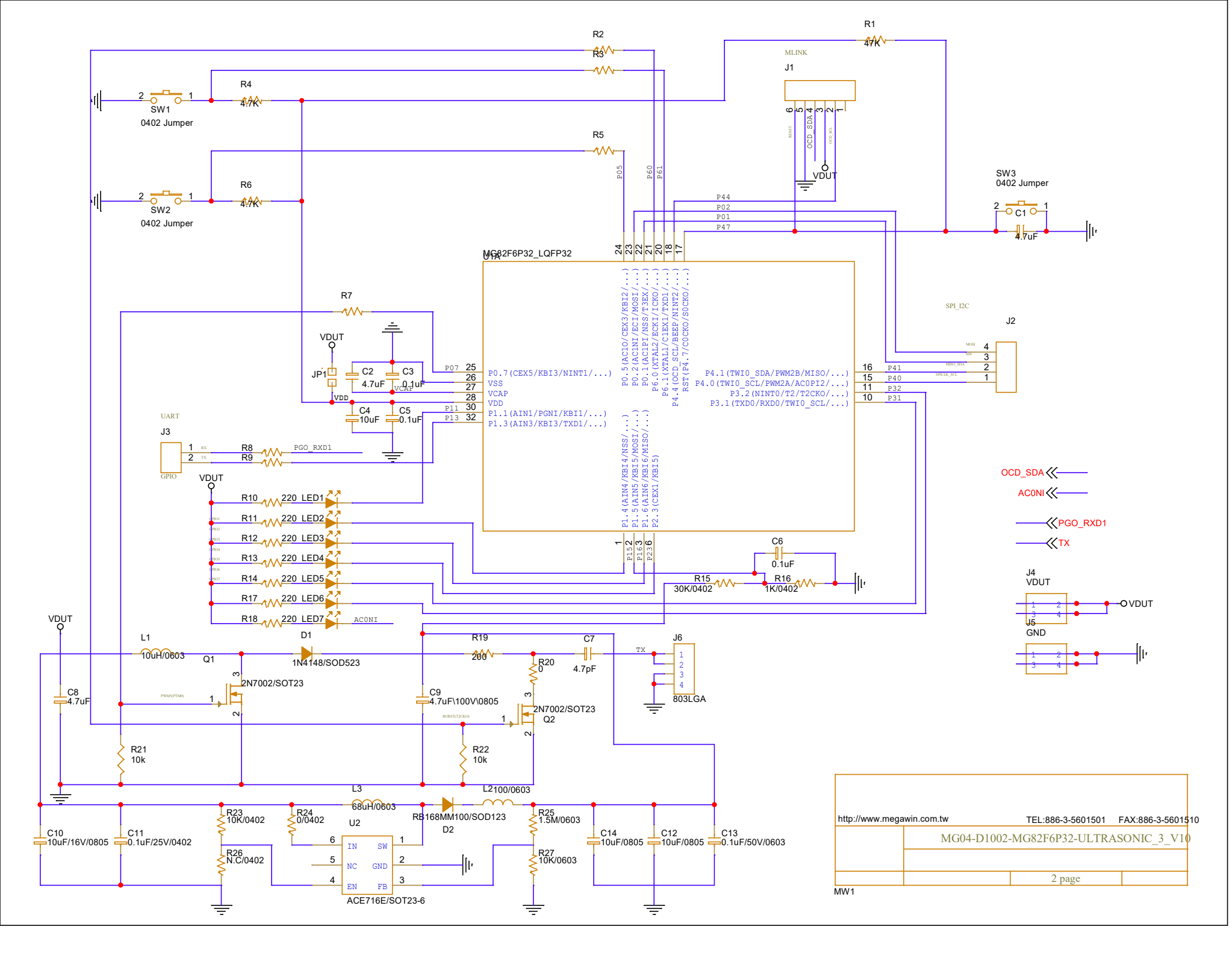
R1
47K
R2
R3
R4
4.7K
SW1
0402 Jumper
R5
R6
4.7K
SW2
0402 Jumper
MLINK
J1
OCD_SDA
VDUT
SW3
0402 Jumper
C1
4.7uF
P44
P02
P01
P47
P05
P60
P61
MG82F6P32_LQFP32
U1A
P0.7(CEX5/KBI3/NINT1/...)
VSS
VCAP
VDD
P1.1(AIN1/PGNI/KBI1/...)
P1.3(AIN3/KBI3/TXD1/...)
P0.5(AC1O/CEX3/KBI2/...)
P0.2(AC1NI/ECI/MOSI/...)
P0.1(AC1PI/NSS/T3EX/...)
P6.0(XTAL2/ECK1/ICKO/...)
P6.1(XTAL1/C1EX1/TXD1/...)
P4.4(OCD_SCL/BEEP/NINT2/...)
RST(P4.7/COCKO/SOCKO/...)
P4.1(TWI0_SDA/PWM2B/MISO/...)
P4.0(TWI0_SCL/PWM2A/AC0PI2/...)
P3.2(NINT0/T2/T2CKO/...)
P3.1(TXD0/RXD0/TWI0_SCL/...)
P1.4(AIN4/KBI4/NSS/...)
P1.5(AIN5/KBI5/MOSI/...)
P1.6(AIN6/KBI6/MISO/...)
P2.3(CEX1/KBI5)
SPI_I2C
J2
R7
VDUT
JP1
C2
4.7uF
C3
0.1uF
VCAP
VDD
C4
10uF
C5
0.1uF
UART
J3
GPIO
R8
R9
PGO_RXD1
R10 220 LED1
R11 220 LED2
R12 220 LED3
R13 220 LED4
R14 220 LED5
R17 220 LED6
R18 220 LED7
AC0NI
D1
C6
0.1uF
R15
30K/0402
R16
1K/0402
OCD_SDA
AC0NI
PGO_RXD1
TX
J4
VDUT
J5
GND
L1
10uH/0603
Q1
2N7002/SOT23
1N4148/SOD523
R19
200
C7
4.7pF
R20
0
2N7002/SOT23
Q2
J6
803LGA
C8
4.7uF
C9
4.7uF\100V\0805
R21
10k
R22
10k
L3
68uH/0603
L2100/0603
RB168MM100/SOD123
D2
R23
10K/0402
R24
0/0402
R25
1.5M/0603
R26
N.C/0402
R27
10K/0603
U2
ACE716E/SOT23-6
C10
10uF/16V/0805
C11
0.1uF/25V/0402
C14
10uF/0805
C12
10uF/0805
C13
0.1uF/50V/0603
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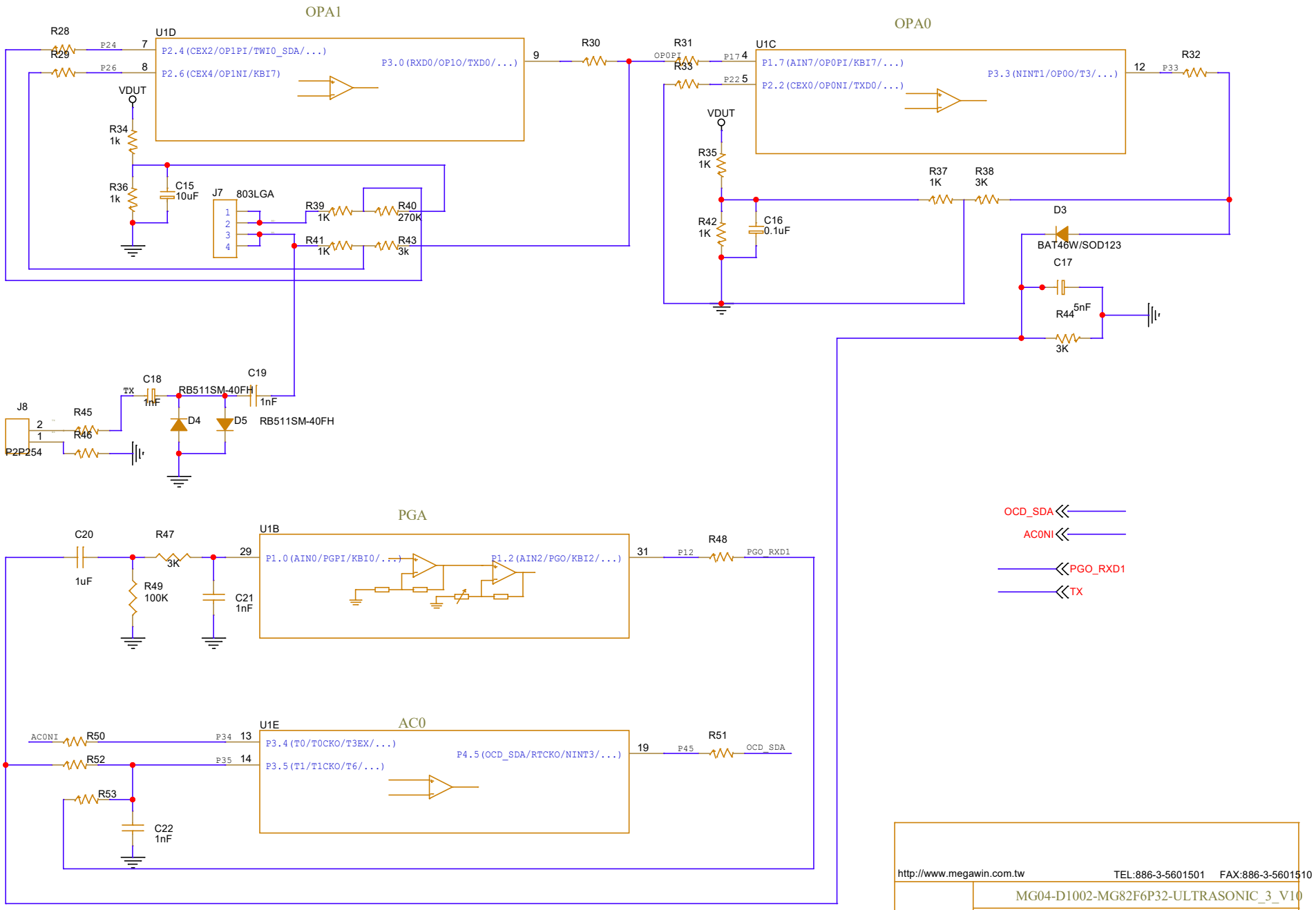
MG04-D1002-MG82F6P32-ULTRASONIC_3_V10
2 page
MW1



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