ICD DEBUG &
PROGRAMMING

JP1

VCC4 o——— 4 1 ———≫ PB7
          5 2 ———≫ PB6
          6 3

3X2MM

**Development use
Only**

VCC4

R1
22K

PIC_20M ≫

VCC   D1   VCC4

PCB_PWR ≫——— 2 ◄ 1 ———

SD101

C1
.1uF

U1

	RA0/AN0	2
	RA1/AN1	3
	RA2/AN2	4
	RA3/AN3/REF	5
	RA4/T0CLK	6
	RA5/AN4/SS	7
	RB0/INT	21
1 MCLR/VPP	RB1	22
9 OSC1/CLK	RB2	23
	RB3	24
20 VDD	RB4	25
	RB5	26
	RB6	27	≫ PB6
	RB7	28	≫ PB7
	RC0/T1OSO/T1CLK	11
	RC1/T1OSI/CCP2	12
	RC2/CCP1	13
	RC3/SCK/SCL	14
	RC4/SDI/SDA	15
	RC5/SDO	16
	RC6/TX/CK	17
GND	RC7/RX/DT	18
GND	OSC2/CLKOUT	10

8 19

PIC16F873/4/6/7

NOTES:

1. Normally, when unit is running, the normal VCC supplies power to
PIC thru D1.

2. When programming, the normal product supply is NOT turned on.
The programmer supplies the power as needed when programming.
Only the PIC is powered up.

3. JP1, a 6-pin telephone jack, makes programming handy. The
pinout lmatches the ICD Debugger as well. In case ICD is used, unit
power is ON while using it.

4. Make sure that JP1 is not more than 4 inches from the PIC.

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