

## Commands Goup A – using the 3 switches only

- EX0 - Leave demo loop, run Forth
- EX1 - Display IN at OUT LEDs
- EX2 - Display IN at OUT, plus PWM-LED
- EX3 - Falling edge detector (1)
- EX4 - Falling edge detector with tone (2)
- EX5 - Dance of 4 servos (test servos)
- EX6 - Servo follows analog input on pin ADC4
- EX7 - Get analog input from ADC channel 4
- EX8 - Audio visual display of ADC4 value
- EX9 - Play demo song
- DEMOLOOP - Select an example program by its nummber.

## Commands Group B – using the Terminal function via Serial Interface

- EX11 - Echo any key
- EX12 - Toggle OUT bits manually

## Device Pinout: MSP430G2553 20-Pin PDIP

(TOP VIEW)

VCC	-----[01	20]-----	VSS
(LED1 LP) AD0	P1.0--	[02	19]--P2.6 OUT2 -----
RXD	-----P1.1--	[03	18]--P2.7 OUT3 -----
TXD	-----P1.2--	[04	17]--test -----
-----S2	P1.3--	[05	16]--RST S1 -----
.....AD4	P1.4--	[06	15]--P1.7 S3 -----SPI*
-----FRQ	P1.5--	[07	14]--P1.6 PWM LED2-LP SPI*
-----IN0	P2.0--	[08	13]--P2.5 OUT1-----
-----IN1	P2.1--	[09	12]--P2.4 OUT0-----
-----IN2	P2.2--	[10	11]--P2.3 IN3-----

- SPI optional - will e looked at later n

