



aoFinWD.dll Customization Guide V1.0

aoFinWD.dll is a DLL that allows an application to access and control Watchdog Timer and Hardware Monitor of the motherboard.

1. Supported Operating Systems:

- (1) Windows XP 32bit
- (2) Windows XP 64bit
- (3) Windows Vista 32bit
- (4) Windows Vista 64bit

2. API Interface:

- (1) aoInitWD
- (2) aoClearWD;
- (3) aoSetMode
- (4) aoStartWD
- (5) aoGetCount
- (6) aoTemperature1
- (7) aoTemperature2
- (8) aoTemperature3
- (9) aoFanSpeed1
- (10) aoFanSpeed2
- (11) aoFanSpeed3

Following aoFinWD.dll exported functions are documented:

(1.1) aoInitWD

Description : Initial the watchdog timer and hardware monitor.

Function Prototype	void aoInitWD();
Parameters	none
Return Value	none

(1.2) aoClearWD

Description : Clear the watchdog timer status.

Function Prototype	void aoClearWD ();
Parameters	none
Return Value	none

(1.3) aoSetMode

Description : Watchdog timer count mode.

Function Prototype	void aoSetMode(int iMode);
Parameters [in]	1: Second Mode , 2: Minute Mode
Return Value	none

(1.4) aoStartWD

Description : Start watchdog timer. Timer can be set from 1 to 255 seconds or 1 to 255 minutes

Function Prototype	void aoStartWD(BYTE byCount);
Parameters [in]	0: stop timer 01~FF (hex): The amount of the count, in seconds or minutes This number decides how long the watchdog timer waits
Return Value	none

(1.5) aoGetCount

Description : Get watchdog timer count time

Function Prototype	BYTE aoGetCount();
Parameters	none
Return Value [BYTE]	return watchdog timer count time

(1.6) aoTemperature1

Description : Get Temperature 1 value, This definition is by hardware layout

Function Prototype	BYTE aoTemperature1();
Parameters	none
Return Value [BYTE]	return Temperature 1 value, unit is centigrade

(1.7) aoTemperature2

Description : Get Temperature 2 value, This definition is by hardware layout

Function Prototype	BYTE aoTemperature2();
Parameters	none
Return Value [BYTE]	return Temperature 2 value, unit is centigrade

(1.8) aoTemperature3

Description : Get Temperature 3 value, This definition is by hardware layout

Function Prototype	BYTE aoTemperature3();
Parameters	None
Return Value [BYTE]	return Temperature 3 value, unit is centigrade

(1.9) aoFanSpeed1

Description : Get FAN 1's speed value, This definition is by hardware layout

Function Prototype	int aoFanSpeed1();
Parameters	None
Return Value [int]	return FAN 1 speed value

(1.10) aoFanSpeed2

Description : Get FAN 2's speed value, This definition is by hardware layout

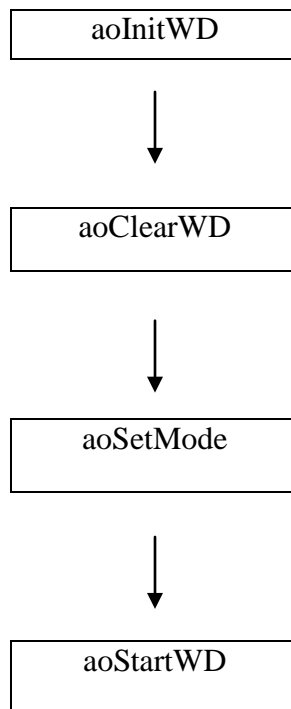
Function Prototype	int aoFanSpeed2();
Parameters	None
Return Value [int]	return FAN 2 speed value

(1.11) aoFanSpeed3

Description : Get FAN 3's speed value, This definition is by hardware layout

Function Prototype	int aoFanSpeed3();
Parameters	None
Return Value [int]	return FAN 3 speed value

3. Watchdog Timer Flowchart:



3. Hardware Monitor Flowchart:

