| Decoder | interpretiert den Programm code | Methode/Klasse |  |
| --- | --- | --- | --- |
| Timer | Threads mit überlauf flag? | Klasse |  |
| Interrupt |  |  |  |
| Sleep | pause, sleep(ms) | Methode |  |
| Watchdog | Überwachung der alu | Variable[] |  |
| Programmspeicher | String | Variable[] |  |
| Lauflicht / Leuchtband | UI thing | Variable |  |
| Tris Register | int arrays | Variable[] |  |
| W Register |  | Variable |  |
| PCL |  | Variable |  |
| Stack |  | Variable[] |  |
| ALU (Rechner) |  | Methode/Klasse |  |
| Pointer |  | Variable |  |
| Bank |  | Variable |  |
|  |  |  |  |
|  |  |  |  |
| Debug: |  |  |  |
| Laufzeitzähler | Befehlszyclen \* Quarzsequenz / 4 | Variable |  |
| Quarzfrequenz |  |  |  |
| klickbare GUI |  |  |  |
| Markierung der Zeile |  | Methode |  |
| LST, SFR, GPR |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

SFR, werden in der GUI Aufgeführt.

|  | Bank0 | Bank1 |  |
| --- | --- | --- | --- |
| PCL | 02h | 82h |  |
| PCLath | 0Ah | 8Ah |  |
| PC intern |  |  |  |
| Status | 03h | 83h | jedes einzelne bit |
| FSR | 04h | 84h |  |
| Option | --- | 81h | jedes einzelne bit |
| timer0 | 01h | --- |  |
| intcon | 0Bh | 8Bh | jedes einzelne bit |