Teiler für die UART Takte

CLKIN	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000	25000000,000
uart_baud+1	**18,000**	**36,000**	**54,000**	**67,000**	**109,000**	**217,000**	**267,000**	**434,000**	**868,000**	**1736,000**	**3472,000**	**6944,000**	**13889,000**	**27778,000**	**41667,000**
uart_bit	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Frequenz	115740,741	57870,370	38580,247	31094,527	19113,150	9600,614	7802,747	4800,307	2400,154	1200,077	600,038	300,019	149,999	74,999	50,000
Soll	115200,000	57600,000	38400,000	31250,000	19200,000	9600,000	7812,500	4800,000	2400,000	1200,000	600,000	300,000	150,000	75,000	50,000
Fehler	540,741	270,370	180,247	-155,473	-86,850	0,614	-9,753	0,307	0,154	0,077	0,038	0,019	-0,001	-0,001	0,000
Fehler in %	0,469	0,469	0,469	-0,498	-0,452	0,006	-0,125	0,006	0,006	0,006	0,006	0,006	-0,001	-0,001	-0,001
Bei der aktuellen UART des SpartanMC wird kein DCM eingesetzt. Die UART wird vom Prozessortakt CLK1 mit 25 MHz gesteuert.															
BAUD_115200			00000000000000000000000000010001				17								
BAUD_57600			00000000000000000000000000100011				35								
BAUD_38400			00000000000000000000000000110101				53								
BAUD_31250			00000000000000000000000001000010				66								
BAUD_19200			00000000000000000000000001101100				108								
BAUD_9600			00000000000000000000000011011000				216								
BAUD_7812			00000000000000000000000100001010				266								
BAUD_4800			00000000000000000000000110110001				433								
BAUD_2400			00000000000000000000001101100011				867								
BAUD_1200			00000000000000000000011011000111				1735								
BAUD_600			00000000000000000000110110001111				3471								
BAUD_300			00000000000000000001101100011111				6943								
BAUD_150			00000000000000000011011001000000				13888								
BAUD_75			00000000000000000110110010000001				27777								
BAUD_50			00000000000000001010001011000010				41666								
CLKIN_FREQ			00000001001111011110010000110101				25000000								
OVS_RATE			00000000000000000000000000001100				12								