variable_name	Address	Description
		/// Register bank 0 - Used for interrupt context/ r0 - Holds 24h at start of interrupt. 24h is
int_info	0	scratch space to store the normal-context's accumulator
	1	
num_ints	2	// r2 - A count of number of times timer interrupt fired.
mult_in	3	// r3 - used as an input to the 8-bit multiply function
	4	
dec_ints	5	// r5 - Decremented every interrupt. When reaches 0
speed_count	6	// r6 - engine speed represented as the number of timer interrupts since the last reset. Actually it is a count that is initialized to 0 at reset and counts _down_ each interrupt. initialized to every time the timer interrupt happens. r7 is initialized to 0xfc. in the boot code, and then left/right shifted occasionally depending on the RPM. In practice it has a
time_per	7	value of 0xfe when the RPM is above 1500 RPM and 0xfc otherwise.
	8	
	9	
	a	
	b	
	c	
	d	
	e	
	f	
	10	// Register bank 1 - Used for normal context
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	1a	
	1b	
	1c	
	1d	
	1e	
	1f	
	20	
	21	
	22	
	23	
eng_speed	24	// 24h - engine_speed???
	25	
	26	
	27	
	28	
	29	
	2a	for calculating the angle to start ADC prep and self-test (that angle will be stored in
	2b	for calculating the angle for ADC read (angle will be stored in 23h)
	2c	
	2d	
batt	2E	
knk_raw	2f	// 2fh - raw knock sensor reading?
	30	
knk_test	31	
	32	
blink	33	// 33h - blink code
	34	
	35	
	36	
	37	
scratch	38	// 38h - scratch space for interrupt routines to stash the non-interrupt context's accumulator
TPS	39	// 39h - +V value read by the ADC
throt_deg	3a	// 3ah - throttle position in degrees
	3b	
throt_raw	3c	// 3ch - raw throttle position sensor
	3d	
	3e	angle for WOT (set to 66 decimal for all rpm)
	3F	
	40	
	41	
	42	
	43	
rpm_range	44	// 44h - RPM range. 64 means 0-1863 RPM, 0 means over 6386 RPM.

		// 45h - current maximum knock threshold (looked-up from map based on current RPM. But
max_knk	45	map is all the same value of 10). minimum knock threshold value (10 decimal for all rpm)
knk_val	46	// 46h - integrated knock value read by ADC
	47	coefficient for knock threshold (makes knock detection less sensitive at higher rpm)
	48	throttle position threshold for knock control
	49	
	4a	cycle count before restoring 0.3 deg. timing (this value is used to initialize the
	4b	max timing retard (set to 18 decimal for all rpm, which corresponds to ~6 degrees)
	4c	threshold for pulling boost
	4d	
	4e	cycle count before pulling boost
	4f	
	50	cycle count before restoring boost
	51	
	52	
	53	
	54	
	55	
	56	
	57	
	58	
	59	
	5a	
	5b	
	5c	
	5d	
	5e	
	5f	
	60	
	61	
	62	
	63	
	64	
	65	
	66	
	67	
	68	
	69	counter for 6A (set to 4 for all rpm; used in PID boost control)
	6a	
	6b	
	6c	
	6d	
	6e	
	6f	
	70	
	71	
	72	
	73	
	74	
	75	
	76	
	77	
	78	
	79	
knk_thres	7a	// 7ah - current knock threshold value for the cylinder that fired in the previous cycle
	7b	
	7c	
	7d	
	7e	
	7f	