

File swm8722.c tick_int MBMC_C SDEBUGM work_int P1wait Abs P2wait PutG idle_loop **PutRG TIMEROFFSET** s_crit TIMER3REG e_crit BUF_SIZE write_data_eeprom peukert LOW LCD_VC_puts HIGH update_hist **FALSE** TRUE work_handler ON tick_handler OFF read_data_eeprom S_ON wdtdelay S_OFF wdttime DelayFor18TCY R_ON DelayPORXLCD R_OFF DelayXLCD NO putc2 YES start_delay **NULL**

SHIFT 1

clr_lcd

(1,1)

(lp2)filter	SHIFT2
term_time	SHIFT4
hold_process	SHIFT 6
divert_power	SHIFT7
model_data	SHIFT 8
system_data	SHIFT9
system_help	SHIFT 16
sync_battsoc	SHIFT 24
zero_amploc	SHIFT 30
zero_amploc_PV	ERR1
display_system	ERR2
set_batt_type	XON
set tweak	XOFF
set_adc_gain	H
ADC_zero	
ADC_read	HL
mkbsstring	BMT_FLAG_0
hms	BMT_FLAG_1
hm	BMT_FLAG_2
ABSI	BMT_FLAG_3
ABSL	BMT_FLAG_4
voltfp	BMT_FLAG_5
voltfps	BMT_FLAG_6
voltfpi	BMT_FLAG_7
ahfp	LCD_L
ChargeRelayOn	LCD_W
ChargeRelayOff	LCD_STR
ChargeBatt	MESG_W
battalarm	LL1
check_alarm	LL2
update_cef	LL3
noload_soc	LL4
fail_safe	VC_MAX
CRC16	VS_SLOTS
xmit_spi	VC0
rcvr_spi	VC1
wait_ready	VC2
send_cmd	VSO
send_dummys	VS1
MMC_get_volume_info	VS2
disk_initialize	DS0

disk_initialize	DS0
wipe_sdbuffer	DS1
mmc_write_block	DS2
mmc_read_block	DS3
sd_dump	DS4
W_SDC0_EEP	DS5
initsd	LOW_VECTOR
pick_batt	(HIGH_VECTOR)
ansidraw	POWER_SLOTS
config_pic	CCLED
start_pic	SDSAFE
model learn	SDPOWER
main	SPI CS
	SOLAROFF
	CHARGERL
	(VENT FAN
	ALARMOUT
	BAT 1
	BAT 2
	BAT3
	BAT4
	CHRG1
	CHRG2
	CHRG3
	CHRG4
	DIVERSION
	BATLOAD
	BATLOAD_HI
	CCOUTOPENSW
	PVLOAD
	COOLFAN
	LOADNOTFAN
	MPULED
	DIPSW1
	DIPSW2
	DIPSW3
	DIPSW4
	DIPSW5
	DIPSW6
	DIPSW7
	DIPSW8
	(HIDLED)

(1,4)

HIDLED

AC_OFF_U

TIMESIG

AC_OFF_I

(HID1

PERKOSWI

(HID2

STFU

COOL_ON

COOL_OFF

COOL_MAX

BLINK_RATE

(BATRUN

BAT RUNF

BATTEST

BATTREST

CHRGTIME

(SDTIME

SUPDELAY

DAYDELAY

(DARKDELAY

BAT CHARGE_S

BATCAP_S

 ${\tt BATCHARGE_M}$

BATCAP_M

BATCHARGE_L

BAT CAP_L

BTEST_DELAY

BFTEST

TIMEOFF

WORKSEC

(DISPSEC

ADC_STEP

ADC_MULT

SOLARUP

SOLARDOWN

SOLARHIGH

SOLARLOW

LOADLOW

LOAD_CHECK

AHADJ

(1,5)

CHRG_HIGH

BATTHIGH

BATTFRESH

BATTADJ

BATTFLAT

BATTCRIT

BATTLOW

BATTDROP

BATTBOOST

BATTCHECK

BLOAD1

BLOAD2

B0

B1

B2

В3

В4

VENTTIME

(D_TIME

MAXRUNTIME

VENTENABLE

LOGGERTIME

AMP300_OF

AMP300_MAX

AMP300_SEN

AMP50_OF

AMP50_MAX

AMP50_SEN

AMP50c_OF

AMP50c_MAX

AMP50c_SEN

(AMPZ

THERMO_OFF

THERMO_SEN

ADC0_OFF

ADC1_OFF

ADC2_OFF

ADC3_OFF

ADC4_OFF

ADC5_OFF

ADC6_OFF

(1,6)

ADC7_OFF ADC8_OFF ADC9_OFF ADC10_OFF ADC_SLOTS ADC_INDEX (ADC_NULL ADC_SAMP_F ADC_SAMP_S ADC_CHAN_DELAY VCP CCP CTP CCLEDTIME CCFLOATTIME **CCLEDBLINK CCONEBLINK CCFOURBLINKS CCLEDSOLID** INVERTERON **GASSING LPCHANC** SMALLCOMP (WFLOAT MAXWEIGHT MINWEIGHT **PRIPOINTS INVPOINTS** LOWPOINTS CMD0 CMD1 ACMD41 CMD8 CMD9 CMD10 CMD12 ACMD13 CMD16 CMD17 CMD18

CMD23

(1,7)

CMD23 ACMD23 CMD24 CMD25 CMD55 CMD58 CRC_ON_OFF ESC FF CAN FS GS US (ESCZ SELECT DESELECT R_data C_data B_data ccmode_t $mbmode_t$ answer_t battbufftype ccledtype lowbatt0 zero0 zero1 zero2 zero3 adcg0 adcg1 adcg2 adcg3 adcg4 tweak0 tweak1 tweak2 tweak3 tweak4 tweak5

tweak_t1

tweak_t2

tweak_t3

tweak_t4

tweak_tw

hello0

hold0

hold1

sync0

sync1

sync2

keycmds0

keycmds1

battheader0

battheader1

modelheader0

modelheader1

battbuffer0

divert0

divert1

almcode0

almcode1

almcode2

almcode3

almcode4

almcode5

almcode6

almcode7

almcode8

almcode9

almcode10

almcode11

almcode12

almcode13

almcode14

almcode15

almcode16

almcode99

chrgcode0

chrgcode1

chrgcode2

chrgcode3

chrgcode4

chrgcode5

chrgcode6

chrgcode7

chrgcode8

chrgcode9

chrgcode10

chrgcode11

chrgcode12

chrgcode13

chrgcode14

chrgcode15

chrgcode16

charger0

charger1 charger2

charger99

runcode0

runcode1

runcode2

runcode3

runcode4

runcode5

runcode6

runcode7

runcode8

runcode10

bmt

venttimer

loggertime

a50

a300

а50с

worktick

cef

cef_calc

cef_save

BATTNUM

BCHECK

TIMERFLAG

TIMERFLAG (1,10)PRIPOWEROK **FORCEOUT** workerflag critc_level KEYNUM b_read **CHARGEROVERRIDE FAILSAFE** MORNING_HELP SYSTEM_STABLE HOLD_PROC C2RAW glitch_count POWER_UNSTABLE SET_BATT fast_ticks real_ticks

BLANK_LCD

XON_XOFF

STATIC_SOC

DISPLAY_MODE

D_UPDATE

GLIT CH_CHECK

FORCEDAY

COOLING

UPDATE_EEP

RESET_ZEROS

SYNC_SOC

SYNCSOC

SYS_DATA

MOD_DATA

SYS_HELP

SET_ADC

SET_CEF

WDT_TO

EEP_ER

PERKOSW_r

TWEAK

cdelay

model_update

R

(1,10)

(1,11)

R

С

В

current_t

currentin_t

currentcharger_t

Vin

rawp1

rawp2

rawp3

display_count

highint_count

timerint_count

commint_count

c1_int

c2_int

lowint_count

status_count

cctimer

buttonint_count

dayclockup

dayclockdown

worker_count

clock50

critc_count

d_on

d_off

chrg_v

vbatol_t

solar_t

mbmcdata_count

eeprom_count

adc_count

hist

ds

alarm_codes

almctr

hms_string

hirez_count

hirez_0

hirez_1

HOST_BUSY HOST_COMM lcdstr bootstr2 build_date build_time MMC_volume_Info vinf SDC0 SDD0 buth CCMODE **BMMODE** YNKEY alarm_buffer solarup_delay cell dsi ic ib р1 p2 sdbuffer battstatus MBMC mbmcflag utctime netdword time_skew_base time_skew UT C_flag UT C_ok netdword_ptr netdword_pos f1 f2 f3 f4 mbmc_cmd_reply battbuffer

batttype

(1,12)

