JH-ACU-4A

FRAM & RAM Memory Map
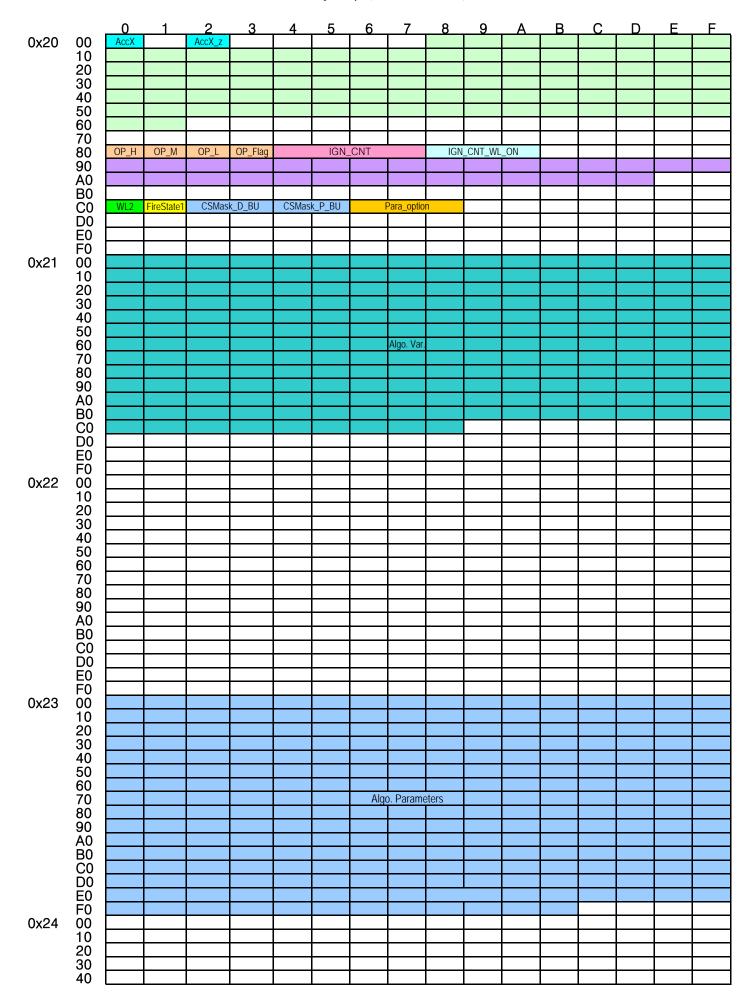

Version	Date	Description	Editor
0	2006. 10. 10	Initial Release	Michael

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	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0x0 00	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	_ICT	LD_OK	ULD_OK	SHK_OK	PRE_OK	FIN_OK
10	ACCX1	ACCX2	ACCX3	ACCX4	ACCX5	ECU Serial No.				Label ver.		MLFB			Parameter. Ver.	
20																
30																
40																
50																
60																
70																
80																
90																
A0																
B0																
C0																
D0																
E0																
F0																
0x1 00			Fault_Status		FC[0]	Fault_FirstTime[0]			FC[1]	Fault_FirstTime[1]			FC[2]	Fault_FirstTime[2]		
10	FC[3]	Fault_FirstTime [3]			FC[4]	Fault_FirstTime[4]			FC[5]	Fault_FirstTime[5]			FC[6]	Fault_FirstTime[6]		
20	FC[7]	Fault_FirstTime [7]			FC[8]	Fault_FirstTime[8]			FC[9]	Fault_FirstTime[9]			FC[10]	Fault_FirstTime[10]		
30	FC[11]	Fault_FirstTime [11]			FC[12]	Fault_FirstTime[12]			FC[13]	Fault_FirstTime[13]			FC[14]	Fault_FirstTime[14]		
40	FC[15]	Fault_FirstTime [15]			F_NOO[0]	Fault_LastTime[0]			F_NOO[1]	Fault_LastTime[1]			F_NOO[2]	Fault_LastTime[2]		
50	F_NOO[3]	Fault_LastTime[3]			F_NOO[4]	Fault_LastTime[4]			F_NOO[5]	Fault_LastTime[5]			F_NOO[6]	Fault_LastTime[6]		
60	F_NOO[7]	Fault_LastTime[7]			F_NOO[8]	Fault_LastTime[8]			F_NOO[9]	Fault_LastTime[9]			F_NOO[10]	Fault_LastTime[10]		
70	F_NOO[11]	Fault_LastTime[11]			F_NOO[12]	Fault_LastTime[12]			F_NOO[13]	Fault_LastTime[13]			F_NOO[14]	Fault_LastTime[14]		
80	F_NOO[15]	Fault_LastTime[15]			WL_FLAG	WOnOffH	WOnOffM	WOnOffL					Clr_CNT	Last_Clr_OPC		
90																
A0																
B0																
C0																
D0										F_POR	N_CapF	F_Cap			Aut_Flag	Wat_Flag
E0																
F0																
0x2 00	OPCOUNT					OP_HELP			ATCNT	IGN_COUNT					Pmode_L	RunInM
10	Squib_Op	Peripheral	CHKSUM			IGN_CYCLE W/ WL On				FrtCr_rcd	CNT		PTCr_rcd	CNT		
20	Squib_Res_DAB		Squib_Res_PAB		Squib_Res_DBPT		Squib_Res_PBPT		Belt_R_D				Belt_R_P			
30	Belt_C_D				Belt_C_P				PADS_R				PADS_C			
40	CHKSUM															
50													PDCNT0	PDCNT1	PDCNT2	PDCNT3
60																
70																
80																
90																
A0																
B0																
C0																
D0																
E0													SBL_F	SBL_Spd		
F0																

0x3 00 – F0: Front Crash Algo_Parameters (CHKSUM at row F0, col B)

0x4 00: A_1ms — Front Acc_Data #1

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D0 SafingT	I_Fire_D	I_Fire_P	OP_High	OP_Mid	OP_Low	OP_100m	IGN_C_H	IGN_C_M	IGN_C_L	FireLevel	Vbatt	FV_DAB1	FV_DAB2	FV_PAB1
E0 FV_PAB2	FV_DRPT	FV_PRPT	FV_DBPT	FV_PBPT	R_DAB1	R_DAB2	R_PAB1	R_PAB2	R_DRPT	R_PRPT	R_DBPT	R_PBPT	DAB1TTF	DAB2TTF	PAB1TTF
F0 PAB2TTF	PTTTF														

0x5

00 A_1ms

Front Acc_Data #2 (00–B0)

D0 SafingT	I_Fire_D	I_Fire_P	OP_High	OP_Mid	OP_Low	OP_100m	IGN_C_H	IGN_C_M	IGN_C_L	FireLevel	Vbatt	FV_DAB1	FV_DAB2	FV_PAB1
E0 FV_PAB2	FV_DRPT	FV_PRPT	FV_DBPT	FV_PBPT	R_DAB1	R_DAB2	R_PAB1	R_PAB2	R_DRPT	R_PRPT	R_DBPT	R_PBPT			
F0 FireState1	FireState2	Flt_ContOnTime		DAB_FC		PAB_FC		FiredVlu	LC_Frt	PT_Fire1	PT_Fire2	PT_Flt_ContOnTime		BPTFireN	LC_PT

0x6

Crash Algorithm Data (00–40)

50 Pw_Loss · NOT USED

60 Crash Algorithm Data (PT)

0x7

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		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0x20	00	AccX		AccX_z													
	80	OP_H	OP_M	OP_L	OP_Flag	IGN_CNT				IGN_CNT_WL_ON							
	C0	WL2	FireState1	CSMask_D_BU		CSMask_P_BU		Para_option									
0x21	60							Algo. Var.									
0x22																	
0x23	70							Algo. Parameters									
0x24	40																

JHA4A_MemMap_V0_061010.xls

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50															
60															
70															
80															
90															
A0															
B0															
C0															
D0															
E0															
F0															