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Cluster2 FGM

User's Manual Appendix F Telecommands

Revisions

Issue	Rev.	Date	Sec.	Page	Change
Issue 2	0	13/5/99			New issue for Cluster2. No changes to content.
Issue 3	0	19/6/00			All reference to ZEF2MFLN deleted

FGM input to AIT database - Telecommands

Name	Short	Addr.	Mask	Value	Prohib.	Parameter	Expect	Complement
	Description							Command
ZEF1AD1F	ADC1_OFF	ML1	FFFF	4800	B7FF	EF3ADC01	0000	ZEF1AD1N
ZEF1AD1N	ADC1_ON	ML1	FFFF	4C00	B3FF	EF3ADC01	0001	ZEF1AD1F
ZEF1AD2F	ADC2_OFF	ML1	FFFF	6000	9FFF	EF3ADC02	0000	ZEF1AD2N
ZEF1AD2N	ADC2_ON	ML1	FFFF	7000	8FFF	EF3ADC02	0001	ZEF1AD2F
ZEF1D1RF	DPU1_RESET_OFF	ML1	FFFF	0020	FFDF	EF3DP1RS	0000	ZEF1D1RN
ZEF1D1RN	DPU1_RESET_ON	ML1	FFFF	0030	FFCF	EF3DP1RS	0001	ZEF1D1RF
ZEF1D2RF	DPU2_RESET_OFF	ML1	FFFF	0080	FF7F	EF3DP2RS	0000	ZEF1D2RN
ZEF1D2RN	DPU2_RESET_ON	ML1	FFFF	00C0	FF3F	EF3DP2RS	0001	ZEF1D2RF
ZEF1DP1F	DPU1_OFF	ML1	FFFF	0200	FDFF	EF3DPU01	0000	ZEF1DP1N
ZEF1DP1N	DPU1_ON	ML1	FFFF	0300	FCFF	EF3DPU01	0001	ZEF1DP1F
ZEF1DP2F	DPU2_OFF	ML1	FFFF	0800	F7FF	EF3DPU02	0000	ZEF1DP2N
ZEF1DP2N	DPU2_ON	ML1	FFFF	0C00	F3FF	EF3DPU02	0001	ZEF1DP2F
ZEF1DR0S	DUMP_REG0	ML1	FFFF	E000	1FFF			
ZEF1IBSD	IB_DISABLE	ML1	FFFF	8800	77FF	EF3IBSNR	0000	ZEF1IBSE
ZEF1IBSE	IB_ENABLE	ML1	FFFF	8C00	73FF	EF3IBSNR	0001	ZEF1IBSD
ZEF1IELD	IEL_DISABLE	ML1	FFFF	8200	7DFF	EF3IELEN	0000	ZEF1IELE
ZEF1IELE	IEL_ENABLE	ML1	FFFF	8300	7CFF	EF3IELEN	0001	ZEF1IELD
ZEF1INTF	INT_OFF	ML1	FFFF	2000	DFFF	EF3INT00	0000	ZEF1INTN
ZEF1INTN	INT_ON	ML1	FFFF	3000	CFFF	EF3INT00	0001	ZEF1INTF
ZEF1MLTS	UPLINK_16	ML1	0000	0000	0000			

AIT database telecommands, continued

Name	Short	Addr.	Mask	Value	Prohib.	Parameter	Expect	Complement
	Description							Command
ZEF1MSAF	MSA_OFF	ML1	FFFF	4200	BDFF	EF3MSA00	0000	ZEF1MSAN
ZEF1MSAN	MSA_ON	ML1	FFFF	4300	BCFF	EF3MSA00	0001	ZEF1MSAF
ZEF1MSCS	ML2_STK_CLR	ML1	FFFF	C020	3FDF			
ZEF1OBSD	OB_DISABLE	ML1	FFFF	A000	5FFF	EF3OBSNR	0000	ZEF1OBSE
ZEF1OBSE	OB_ENABLE	ML1	FFFF	B000	4FFF	EF3OBSNR	0001	ZEF1OBSD
ZEF1RESL	RESET_DISABLE	ML1	FFFF	8020	7FDF	EF3RESEN	0000	ZEF1RESE
ZEF1RESE	RESET_ENABLE	ML1	FFFF	8030	7FCF	EF3RESEN	0001	ZEF1RESL
ZEF2ATCS	AUTO_INVERTED	ML2	FFFF	FFFD	0002	EF3AUTST	0001	
ZEF2ATTS	AUTO	ML2	FFFF	0002	FFFD	EF3AUTST	0001	
ZEF2CALS	CFG_ADC_LSB	ML2	FF00	8300	7C00	EF3CONFIG		
ZEF2CAMS	CFG_ADC_MSB	ML2	FF00	8200	7D00	EF3CONFIG		
ZEF2CILS	CFG_INT_LSB	ML2	FF00	8100	7E00	EF3CONFIG		
ZEF2CIMS	CFG_INT_MSB	ML2	FF00	8000	7F00	EF3CONFIG		
ZEF2CLBS	CALIBRATE_SELECT	ML2	FFF0	2020	DFD0	EF3CALMD		
ZEF2DMPS	MEMORY_DUMP	ML2	FFFF	2080	DF7F	EF3MDUMP		
ZEF2ENTN	EVENT_CONTROL	ML2	FFF0	4020	BFD0	EF3EVENT	Uplinked Value	
ZEF2FILN	FILTER_CONTROL	ML2	FFF0	4010	BFE0	EF3FILTR	Uplinked Value	
ZEF2I1FN	INT1_IEL_FAST	ML2	FFF0	1010	EFE0	EF3I1IEL	Uplinked Value	
ZEF2I2FN	INT2_IEL_FAST	ML2	FFF0	1020	EFD0	EF3I2IEL	Uplinked Value	

AIT database telecommands, continued

Name	Short	Addr.	Mask	Value	Prohib.	Parameter	Expect	Complement
	Description							Command
ZEF2MLTS	UPLINK_16	ML2	0000	0000	0000			
ZEF2MNCS	MANUAL_INVERTED	ML2	FFFF	FFFE	0001	EF3AUTST	0000	
ZEF2MNTS	MANUAL	ML2	FFFF	0001	FFFE	EF3AUTST	0000	
ZEF2PATS	CODE_PATCH	ML2	FFFF	2040	DFBF	EF3CDPAT		
ZEF2PBAS	PARAM_BASE	ML2	FF00	8400	7B00	EF3PBUPD		
ZEF2PBYS	PARAM_BYTE	ML2	FF00	8500	7A00	EF3PBREC		
ZEF2PCLN	PRIMARY_CAL_ON	ML2	FFF0	1040	EFB0			
ZEF2PFLN	PRIMARY FLIP_ON	ML2	FFF0	1100	EEF0			
ZEF2POBS	PRI_SENS_OB	ML2	FFF0	4400	BBF0	EF3PRISR	Uplinked Value	
ZEF2PRNS	PRIMARY_RANGE	ML2	FFF0	4100	BEF0	EF3PRIMR		
ZEF2SCLN	SECONDARY_CAL_ON	ML2	FFF0	1080	EF70			
ZEF2SEUN	SEU_CONTROL	ML2	FFF0	4000	BFF0	EF3SEUEN	Uplinked Value	
ZEF2SFLN	SECONDARY FLIP_ON	ML2	FFF0	1200	EDF0			
ZEF2SOBS	SEC_SENS_OB	ML2	FFF0	4800	B7F0	EF3SECSR	Uplinked Value	
ZEF2SRNS	SECONDARY_RANGE	ML2	FFF0	4200	BDF0	EF3SECOR		
ZEF2TMMS	TM_SELECT	ML2	FFF0	2010	DFE0	EF3TMOPT	Uplinked Value	
ZEF2TRGS	TRIGGER_MSA	ML2	FFF0	2200	DDF0	EF3TRIGG		
ZEF2TSTS	TEST_SELECT	ML2	FFF0	2100	DEF0	EF3DPTMD	Uplinked Value	