



# EM4325

## Preliminary

Memory Bank Name	Logical Page Number (decimal)	Logical Word Address (hex)	Physical Page Number (decimal)	Physical Word Address (hex)	Contents	Access Protection for RF Commands		Access Protection for SPI Commands	
						Read	Write	Read	Write
Reserved	0	00 - 01	0	00 - 01	Kill Password	STD	STD	STD	STD+SWE
	0 - 3	02 - 03	1 - 4	02 - 03	Access Password	STD	STD	STD	STD+SWE
		00 - 0F		TID	NP	STD	NP	STD+SWE	
TID	9	26 - 27	n/a	n/a	SSD Address	NP	NA	NA	NA
	(Not in EEPROM)	28 - 29	n/a	n/a	UTC Address	NP	NA	NA	NA
		0	00	5	14	CRC-16 (Not in EEPROM)	NP	NA	NP
UII/EPC	0	01	5	15	PC	NP	STD	NP	STD+SWE
		02 - 03		16 - 17	UII/EPC	NP	STD	NP	STD+SWE
	1 - 5	04 - 17	6 - 10	18 - 2B					
User	8	21	n/a	n/a	XPC_W1	NP	NA	NA	NA
	(Not in EEPROM)	00 - BF	11 - 58	2C - EB	User Defined	NP	STD	NP	SWE
Temp Sensor Page	59	EC	59	EC	Temp Sensor Control Word 1	NP	STD	NP	NA
		ED		ED	Temp Sensor Control Word 2	NP	STD	NP	NA
		EE		EE	Temp Sensor Control Word 3	NP	STD	NP	NA
		EF		EF	Temp Sensor Calibration Word	NP	STD	NP	NA
		F0		F0	I/O Control	NP	STD	NP	NA
		F1		F1	Battery Management Word 1	NP	STD	NP	NA
		F2		F2	Battery Management Word 2	NP	STD	NP	NA
F3	F3	TOTAL Word	NP	STD	NP	NA			
SPIWE Page	61	F4 - F7	61	F4 - F7	SPI Write Enable Words	NP	STD	NP	NA
	62	F8 - FB	62	F8 - FB	Lock Words (A)	BlockPermalock	BlockPermalock	NP	NA
Lock Page (A)	63	FC - FF	63	FC - FF	Lock Words (B)	BlockPermalock	BlockPermalock	NP	NA
	64	100	64	100	Sensor Data (MSW)	NP	NA	SPIGetSensorData	NA
		101		Sensor Data (LSW)	NP	NA	SPIGetSensorData	NA	
Sensor/Clock Page (Not in EEPROM)	65	102	65	102	UTC Clock (MSW)	NP	NP	SPIGetSensorData	SPISetClock
		103		UTC Clock (LSW)	NP	NP	SPIGetSensorData	SPISetClock	
		104 - 107		Register File	NP	NP	NP	NP	NP
I/O Page (Not in EEPROM)	66	108	66	108	I/O Word	NP	NP	NP	NA
		109		BAP Mode Word	NP	NP	NP	NA	
		10A		Not Used	NA	NA	NA	NA	NA
System (User)	61	10B	61	10B	Not Used	NA	NA	NA	NA

### Access Protection Codes:

BlockPermalock = RF command to access  
 NA = No Access (operation never allowed)

NP = No Protection (operation always allowed)  
 SPIGetSensorData = SPI command to access

SPISetClock = SPI command to access  
 STD = Standard Bits for Lock and/or Permalock

SWE = SPI Write Enable Bit for Page