DATA MEMORY REGISTER MAP

DECISION MAKING CONTROL REGISTER

Address Offset 0x00
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RESERVED															
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RESERVED							I2C_BUSY	MLP_BUSY	MLP_RESULT				DMC_DONE	DMC_RT	DMC_START
N/A	N/A	N/A	N/A	N/A	N/A	N/A	R	R	R/W				R	R/W	R/W

SENSOR DATA 0 REGISTER

Address Offset 0x04
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 0 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 0 [15:0]															
R/W															

SENSOR DATA 1 REGISTER

Address Offset 0x08
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 1 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 1 [15:0]															
R/W															

SENSOR DATA 2 REGISTER

Address Offset 0x0C
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 2 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 2 [15:0]															
R/W															

SENSOR DATA 3 REGISTER

Address Offset 0x10
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 3 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 3 [15:0]															
R/W															

SENSOR DATA 4 REGISTER

Address Offset 0x14
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 4 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 4 [15:0]															
R/W															

SENSOR DATA 5 REGISTER

Address Offset 0x18
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 5 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 5 [15:0]															
R/W															

SENSOR DATA 6 REGISTER

Address Offset 0x1C
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 6 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 6 [15:0]															
R/W															

SENSOR DATA 7 REGISTER

Address Offset 0x20
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 7 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 7 [15:0]															
R/W															

SENSOR DATA 8 REGISTER

Address Offset 0x24
Reset Value 0x0000 0002

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
SENSOR DATA 8 [31:16]															
R/W															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SENSOR DATA 8 [15:0]															
R/W															