Macro cmd	0x14	0x54	0x57	0x72	0x77	0x77	0x77	0x80	0x81	0x82	0x84	0x85	0x86	0x87
Macro ID	0x204	0x624	0x617	0x802	0x807	0x817	0x827	0x900	0x901	0x922	0x914	0x905	0x916	0x917
Notes	Use 0x926	From 0x604	From 0x817	From 0x504		From 0x807	From 0x817	From 0x624	From 0x624	From 0x624 Wrong swp	From 0x624	From 0x525	From 0x624 Wrong swp	From 0x624 Wrong swp
Purpose	Swp, HF	N, HF, swp	DL, N, HF, sw	Vsc, HF	DL, N, HF, sw	DL, N, HF, sw	DL, N, HF, sw	N, HF, swp	N, HF, swp	N, HF, swp	N, HF, swp	N, HF, swp	N, HF, swp	N, HF, swp
TM rate	BM	NM	BM	BM	BM	BM	BM	BM	BM	BM	NM	NM	NM	NM
Bias mode	NN	NN	N-	EE	N-	N-	N-	NN	NN	NN	NN	NN	NN	NN
Fix bias P1	0 V	+30 V	+30 V	float	+10 V	+30 V	-30 V	+30 V	+30 V	-30 V	-30 V	+30 V	+30 V	-30 V
Fix bias P2	0 V	-30 V	MIP	float	MIP	MIP	MIP	-30 V	+30 V	-30 V	-30 V	-17 V	+30 V	-30 V
Gain/bias P1	hi	hi	hi	float	hi	hi	hi	lo	hi	hi	hi	lo	hi	hi
Gain/bias P2	hi	hi	-	float	-	-	-	hi	hi	hi	hi	hi	hi	hi
LF continuous data (ADC20)														
Sampled data	.	I1, I2	I1	V1, V2	I1	I1	I1	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2
Number of signals	0	2	1	2	1	1	1	2	2	2	2	2	2	2
Downsampling	1	1	1	1	1	1	1	1	1	1	1	128	1	1
fsamp [Hz]	*57,8*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*57,80*	*0,45*	*57,80*	*57,80*
Bits/sample transmitted		16	20	16	16	16	20	16	16	16	16	16	16	16
Samples/AQP/probe		1798	1798	1798	1798	1798	1798	1798	1798	1798	1798	14	1798	1798
HF wave snapshots (ADC16)														
Sampled data	.	I1, I2	I1	V1, V2	I1	I1	I1	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2	I1, I2
Number of signals	2	2	1	2	1	1	1	2	2	2	2	2	2	2
Downsampling	1	1	1	1	1	1	1	1	1	1	1	1	1	1
fsamp [Hz]	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*	*18750*
Samples	2048	1600	3184	432	4080	4080	3184	1600	1600	1600	1600	96	1600	1600
Cadency [AQPs]	2	5	2	1	2	2	2	5	5	5	5	5	5	5
Cadency [s]	*64*	*160*	*64*	*32*	*64*	*64*	*64*	*160*	*160*	*160*	*160*	*160*	*160*	*160*
Coarse sweeps (ADC16)														
Probes	P1, P2	P1, P2	P1	.	P1	P1	P1	P1, P2	P1, P2	P1, P2	P1, P2	P1, P2	P1, P2	P1, P2
Number of signals	2	2	1	0	1	1	1	2	2	2	2	2	2	2
Shape	V	/	/		\	\	/	/	/	/\	/	/	/\	/\
Directions (1 or 2)	2	1			1			1	1	2	1	1	2	2
Cadency [AQPs]	2	5	2	1	2	2	2	5	5	5	5	5	5	5
Cadency [s]	*64*	*160*	*64*	*32*	*64*	*64*	*64*	*160*	*160*	*160*	*160*	*160*	*160*	*160*
Range [V]	[-25,+25]	[-30, +30]	[-30, +30]		[-30, +30]	[-30, +30]	[-30, +30]	[-30, +30]	[-30, +30]	[-30, +30]	[-30, +30]	[-17, +31]	[-30, +30]	[-30, +30]
Step [V]	0,5	0,25	0,25		0,25	0,25	0,25	0,25	0,25	0,5	0,25	0,5	0,5	0,5
Number of steps	208	240	240		240	240	240	240	240	240	240	96	240	240
Plateau duration [cycles]	512	256	128		512	512	128	256	256	64	256	256	512	512
Plateau duration [ms]	27,3	13,7	6,8	0,0	27,3	27,3	6,8	13,7	13,7	3,4	13,7	13,7	27,3	27,3
Downsampling	64	256	32	1	128	128	32	256	256	64	256	256	512	512
Samples per plateau	*8*	*1*	*4*	*0*	*4*	*4*	*4*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
Samples/sweep/probe	*1678*	*247*	*970*	*6*	*970*	*970*	*970*	*247*	*247*	*247*	*247*	*103*	*247*	*247*
Sweep duration [s]	*5,73*	*3,37*	*1,66*	*0,00*	*6,62*	*6,62*	*1,66*	*3,37*	*3,37*	*0,84*	*3,37*	*1,41*	*6,74*	*6,74*
Fine sweeps (ADC16)														
Probes	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Number of signals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shape														
Cadency [AQPs]	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Cadency [s]	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*
Offset [V]														
Range [V]														
Step [mV]														
Number of steps														
Plateau duration [cycles]														
Downsampling														
Samples per plateau														
Samples/sweep/probe														
First upload		141219	150703	150520	PC12	PC12	150731	150520	150520	150731	150731	150520	150731	150731
TM LF [bps]	*0,0*	*1798,0*	*1123,8*	*1798,0*	*899,0*	*899,0*	*1123,8*	*1798,0*	*1798,0*	*1798,0*	*1798,0*	*14,0*	*1798,0*	*1798,0*
TM HF [bps]	*1024,0*	*320,0*	*796,0*	*432,0*	*1020,0*	*1020,0*	*796,0*	*320,0*	*320,0*	*320,0*	*320,0*	*19,2*	*320,0*	*320,0*
TM CSwp [bps]	*839,0*	*49,4*	*242,5*	*0,0*	*242,5*	*242,5*	*242,5*	*49,4*	*49,4*	*49,4*	*49,4*	*20,6*	*49,4*	*49,4*
TM FSwp [bps]	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*	*0,0*
TM total [bps]	***1863,0***	***2167,4***	***2162,3***	***2230,0***	***2161,5***	***2161,5***	***2162,3***	***2167,4***	***2167,4***	***2167,4***	***2167,4***	***53,8***	***2167,4***	***2167,4***

Field colour:

Green: currently prefered non-LDL science macros

Orange: currently prefered LDL science macros

Yellow: maintenance, diagnostics, etc

White: superseded science macros

Blue: ideas