

Macro ID	0x10 0x200	0x12 0x212	0x14 0x204	0x50 0x600	0x54 0x604	0x63 0x703	0x64 0x704	0x65 0x705	0x66 0x706
Notes	Use 0x703	Use 0x505	Use 0x626	Use 0x525				Use 0x503	Use 0x504
Purpose	LDL, HF	Swp, HF	Swp, HF	Swp, HF	N, HF, swps	LDL, Vsc, HF, DL	Vsc, waw	Vsc, HF	Vsc, HF
TM rate	NM	NM	BM	NM	BM	NM	BM	NM	BM
Bias mode	NN	NN	NN	NN	NN	E-	E-	EE	EE
Fix bias P1	0 V	0 V	0 V	+20 V	+20 V	-30 nA	-29 nA	-29 nA	-29 nA
Fix bias P2	0 V	0 V	0 V	+20 V	+20 V	MIP	MIP	+3 nA	+3 nA
Gain/bias P1	hi	hi	hi	hi	hi	ibias	ibias	ibias	ibias
Gain/bias P2	hi	hi	hi	hi	hi	-	-	ibias	ibias
LF continuous data (ADC20)									
Note						V1	V1	V1, V2	V1, V2
Sampled data	-	-	-	-	I1, I2	V1	V1	V1, V2	V1, V2
Number of signals	0	0	0	0	2	1	1	2	2
Averaging				1	2	32	1	64	1
Downsampling				57.80	28.90	1.61	57.80	0.90	57.80
fsamp [Hz]						16	16	16	16
Bits/sample transmitted						16	16	16	16
Samples/AQP/probe					893	55	1798	27	1792
Cadency (if not 1) [AQPs]									
Cadency (if not 32s) [s]									
HF wave snapshots (ADC16)									
Sampled data	I1	I1, I2	I1, I2	I1, I2	I1, I2	V1	V1	V1-V2	V1-V2
Number of signals	1	2	2	2	2	1	1	1	1
Downsampling	1	1	1	1	1	1	1	1	1
fsamp [Hz]	18750	18750	18750	18750	18750	18750	18750	18750	18750
Samples	128	256	2048	256	1840	160	2416	272	2624
Cadency [AQPs]	2	8	2	8	3	3	1	5	3
Cadency [s]	64	256	64	256	96	96	32	160	96
Coarse sweeps (ADC16)									
Probes	-	P1, P2	P1, P2	P1, P2	P1, P2	-	-	-	-
Number of signals	0	2	2	2	2	0	0	0	0
Shape	\	V	V	V	V	\	\	\	\
Directions (1 or 2)	1	2	1	1	1	1	1	1	1
Cadency [AQPs]	8	2	8	3	3	1	1	1	1
Cadency [s]	256	64	256	96	96	32	32	32	32
Range [V]	[-30, +15]	[-25, +25]	[-30, +20]	[-30, +20]	[-30, +20]				
Step [V]	1	0.5	1	0.25	0.25				
Number of steps	48	208	48	208	208				
Plateau duration [cycles]	512	512	512	512	512				
Plateau duration [ms]	27.3	27.3	27.3	27.3	27.3	0.0	0.0	0.0	0.0
Downsampling	128	64	128	256	256	1	1	0	0
Samples per plateau	4	8	4	2	2	0	0	0	0
Samples/sweep/probe	202	1678	202	424	424	6	6	0	0
Sweep duration [s]	1.38	5.73	1.38	5.79	5.79	0.00	0.00	0.00	0.00
Fine sweeps (ADC16)									
Probes	-	-	-	-	-	-	-	-	-
Number of signals	0	0	0	0	0	0	0	0	0
Shape									
Cadency [AQPs]	1	1	1	1	1	1	1	1	1
Cadency [s]	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 [yymmdd]		040908			050304	PC6	PC6	PC6	PC6
TM LF [bps]	0.0	0.0	0.0	0.0	893.0	27.5	899.0	27.0	1792.0
TM HF [bps]	32.0	32.0	1024.0	32.0	613.3	26.7	1208.0	27.2	437.3
TM CSwp [bps]	0.0	25.3	839.0	25.3	141.3	0.0	0.0	0.0	0.0
TM FSwp [bps]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TM total [bps]	32.0	57.3	1863.0	57.3	1647.7	54.2	2107.0	54.2	2229.3

Field colour:
Green: currently preferred
non-LDL science macros
Orange: currently preferred
LDL science macros
Yellow: maintenance,
diagnostics, etc.
White: superseded science
macros
Blue: ideas
Pink: test macros only used
once for verifying internal
functionality after launch, not
for science use.
Text colour:
Black: NM
Red: BM