IO / DSP Assignments

Outputs

kX Number	Epilog name	Meaning	10k1 DSP #	10k1 mne	10k2 DSP #	10k2 mne
KX_OUT(0)	out0	Analog Front Left / A1	0x20	ac97 L	0x68	i2s 0 L
KX_OUT(1)	out1	Analog Front Right / A2	0x21	ac97 R	0x69	i2s 0 R
KX_OUT(2)	out2	Generic SPDIF Left / Digital Front L / D1 L	0x22	spdif 0 L	0x60	spdif 0 L
KX_OUT(3)	out3	Generic SPDIF Right / Digital Front R / D1 R	0x23	spdif 0 R	0x61	spdif 0 R
KX_OUT(4)	out4	Digital Center / A3 / D2 L	0x24	spdif 1 L	0x62	spdif 1 L
KX_OUT(5)	out5	Digital LFE / A4 / D2 R	0x25	spdif 1 R	0x63	spdif 1 R
KX_OUT(6)	out6	Headphones L / A5	0x26	spdif 2 L	0x64	spdif 2 L
KX_OUT(7)	out7	Headphones R / A6	0x27	spdif 2 R	0x65	spdif 2 R
KX_OUT(8)	out8	Rear L / A7	0x28	spdif 3 L analog & digital rear	0x6e	i2s 3 L analog only rear
KX_OUT(9)	out9	Rear R / A8	0x29	spdif 3 R analog & digital rear	0x6f	i2s 3 R analog only rear
KX_OUT(0x11)	out17	Analog Center	0x31	ac97 S L	0x6a	i2s 1 L
KX_OUT(0x12)	out18	Analog LFE	0x32	ac97 S R	0x6b	i2s 1 R
KX_OUT(0x20)	(not present) not	AC97 pseudo L	-	-	0x70	ac97 L

kX Number	Prolog name	10k2 mne	10k2 DSP #	10k1 mne	10k1 DSP #	Meaning
)	not controllable					
KX_OUT(0x21)	(not present) not controllable	AC97 pseudo R	-	-	0x71	ac97 R
KX_OUT(0x28)	(not present) controlled by out8	Digital Rear	-	-	0x66	spdif 3 L digital only
KX_OUT(0x29)	(not present) controlled by out9	Digital Rear	-	-	0x67	spdif 3 R digital only
KX_OUT(0x30)	out30	Unknown L	-	-	0x6c	i2s 2 L
KX_OUT(0x31)	out31	Unknown R	-	-	0x6d	i2s 2 R
KX_OUT(0xa)	RecL	ADC Rec L	0x2a	ADC Rec L	0x76	ADC Rec L
KX_OUT(0xb)	RecR	ADC Rec R	0x2b	ADC Rec R	0x77	ADC Rec R
KX_OUT(0xc)	(not present)	Mic Rec	0x2c	Mic Rec	0x78	Mic Rec

Inputs

kX Number	Prolog name	10k2 mne	10k2 DSP #	10k1 mne	10k1 DSP #	Meaning
KX_IN(0x0)	in0	AC97 ADC Left	0x40	-""-	0x10	AC97 line-in/mic-in L / A1
KX_IN(0x1)	in1	AC97 ADC Right	0x41	-""-	0x11	AC97 line-in/mic/in R / A2

KX_IN(0x2)	in2	SPDIF A Left	0x42	-""-	0x12	CD SPDIF L / D1 L
KX_IN(0x3)	in3	SPDIF A Right	0x43	-""-	0x13	CD SPDIF R / D1 R
KX_IN(0x4)	in4	SPDIF C Left	0x46	(?)	0x14	Unknown 1 In L (ZVideo I2S)
KX_IN(0x5)	in5	SPDIF C Right	0x47	(?)	0x15	Unknown 1 In R (ZVideo I2S)
KX_IN(0x6)	in6	SPDIF B Left	0x44	-""-	0x16	Coaxial+Optical In L / D2 L
KX_IN(0x7)	in7	SPDIF B Right	0x45	-""-	0x17	Coaxial+Optical In R / D2 R
KX_IN(0x8)	in8	I2S 0 Left	0x48	-""-	0x18	Line2/Mic2 / Line1(A2Ex) L / A3
KX_IN(0x9)	in9	I2S 0 Right	0x49	-""-	0x19	Line2/Mic2 / Line1(A2Ex) R / A4
KX_IN(0xa)	in10	I2S 1 Left	0x4a	-""-	0x1a	10k1 Unknown L?? / 10k2 AC97.2 L / Line2(A2Ex) L
KX_IN(0xb)	in11	I2S 1 Right	0x4b	-""-	0x1b	10k1 Unknown R?? / 10k2 AC97.2 R / Line2(A2Ex) R
KX_IN(0xc)	in12	I2S 2 Left	0x4c	-""-	0x1c	Aux2 L / Line3(A2Ex) L
KX_IN(0xd)	in13	I2S 2 Right	0x4d	-""-	0x1d	Aux2 R / Line3(A2Ex) R
KX_IN(0xe)	in14	AC97 Mic ADC	0x4e	-""-	0x1e	unused
KX_I	(not	Unused	0x4f	-""-	0x1f	unused

KX_1 N(0xf)	(not present)	unused	0xff		0xff	unused