

CHIP	PIN	DESTINATION(S)	PATH	BRIDGE	CONT
		<b>THE GLUE CHIP</b>			
GLUE	1	? Check Pad	-		
GLUE	2	UK11 Pin 2 / J13 Pin 84	IRQ*(1:6)		
GLUE	3	UK11 Pin 3 / J13 Pin 44	IRQ*(1:6)		
GLUE	4	UK11 Pin 4 / J13 Pin 4	IRQ*(1:6)		
GLUE	5	UK11 Pin 5	IRQ*(1:6)		
GLUE	6	UK11 Pin 6	IRQ*(1:6)		
GLUE	7	UK11 Pin 7 / UI6 Pin 13	IRQ*(1:6)		
GLUE	8	UK11 Pin 44	SLOTIRQ*		
GLUE	9	RP8 Pin 1	NMI*		
GLUE	10	RP8 Pin 14	PWRIRQ*		
GLUE	11	UG12 Pin 6 / RP7 Pin 12	SCCIRQ*		
GLUE	12	UK11 Pin 23 / RP7 Pin 13	VIAIRQ2		
GLUE	13	UK8 Pin G12	IPL*(0:2)		
GLUE	14	UK12 Pin23 / RP7 Pin 8	VIAIRQ1*		
GLUE	15	UK8 Pin G13	IPL*(0:2)		
GLUE	16	UK8 Pin H13	IPL*(0:2)		
GLUE	17	UI6 Pin 1 / R28 to UH7 Pin 12	C32M		
GLUE	18	UI6 Pin 2	C16G		
GLUE	19	UK8 Pin H1 / RP7 Pin 6	BERR*		
GLUE	20	UK12 Pin 5 / UB12 Pin 4	SYNC		
GLUE	21	UL11 Pin 26 / UG12 Pins 23 and 32	C3M		
GLUE	22	UG12 Pin 13 / UB12 Pin 5	SYNC3M		
GLUE	23	J13 Pin 11 / RP7 Pin 11	FC(0:2)		
GLUE	24	UI12 Pin 17	SCSI*		
GLUE	25	UJ11 Pin 43	SWIM*		
GLUE	26	J13 Pin 51 / RP7 Pin 14	FC(0:2)		

GLUE	27	ROM SIMM Pins 11 and 12	ROM*		
GLUE	28	Address Line 17	A17		
GLUE	29	J13 Pin 91 / RP7 Pin 15	FC(0:2)		
GLUE	30	UI5 Pin 29	FPU*		
GLUE	31	Address Line 31	A31		
GLUE	32	Address Line 16	A16		
GLUE	33	UE7 Pin 6 / J13 Pin 82	NUBUS*		
GLUE	34	Address Line 30	A30		
GLUE	35	UE10 Pin 11	SND*		
GLUE	36	Address line 29	A29		
GLUE	37	Address Line 28	A28		
GLUE	38	Address Line 13	A13		
GLUE	39	Address Line 27	A27		
GLUE	40	Address Line 25	A25		
GLUE	41	Address Line 16	A16		
GLUE	42	N/A	N/A		
GLUE	43	N/A	N/A		
GLUE	44	Address Line 15	A15		
GLUE	45	Address Line 14	A14		
GLUE	46	Address Line 13	A13		
GLUE	47	UI6 Pin 19 / UJ11 Pin 27 / RP7 Pin 1	AS*		
GLUE	48	UK8 Pin K2 / UI5 Pin 20 / RP8 Pin 13	DS*		
GLUE	49	UK12 Pin 6	OVERLAY		
GLUE	50	UB10 Pin 5 / RP8 Pin 6	TEST*		
GLUE	51	UK11 Pin 43 / UI12 Pin 9	SCSIDRQ		
GLUE	52	UK8 Pin L3 / UI5 Pin 28 / UH7 Pin 17 / UK11 Pin 24 / UE6 Pin 9 / UE10 Pin 12 / RP7 Pin 3	R-W*		
GLUE	53	RP8 Pin 7	TESTOE*		
GLUE	54	N/A	N/A		

GLUE	55	Address Line 26	A26		
GLUE	56	Address Line 24	A24		
GLUE	57	J13 Pin 8 / RP7 Pin 5	DSACK*1		
GLUE	58	Address Line 22	A22		
GLUE	59	J13 Pin 48 / UE6 Pin 17 / RP7 Pin 4	DSACK*0		
GLUE	60	UG12 Pin 38	SCCEN*		
GLUE	61	Address Line 20	A20		
GLUE	62	UG12 Pin 41	SCCRD		
GLUE	63	UG12 Pin 40	SCCWR*		
GLUE	64	UK11 Pin 9	RAMSIZ1		
GLUE	65	UI12 Pin 11	SCSIDACK*		
GLUE	66	UI12 Pin 19	IOR*		
GLUE	67	UK11 Pin 8	RAMSIZ0		
GLUE	68	UI12 Pin 18	IOW*		
GLUE	69	UK11 Pin 25	VIA2CS*		
GLUE	70	UK8 Pin K3	SIZ(1)		
GLUE	71	UK12 Pin 25	VIA1CS*		
GLUE	72	UK12 Pin 27 / UK11 Pin 27	E		
GLUE	73	UK8 Pin L2	SIZ(0)		
GLUE	74	Address Line 1	A1		
GLUE	75	N/A	N/A		
GLUE	76	UH7 Pin 2	RCMUX		
GLUE	77	Address Line 0	A0		
GLUE	78	UD1B Pins 2 and 4 / UH7 Pin 3	RASA		
GLUE	79	UD1B Pins 6 and 8 / UH7 Pin 5	RASB		
GLUE	80	UD1A Pin 11 / UH7 Pin 7	CASLL		
GLUE	81	UD1A Pin 13 /	CASLM		
GLUE	82	UD1A Pin 15 /	CASUM		

GLUE	83	UD1A Pin 17 /	CASUU		
GLUE	84	N/A	N/A		
<b>THE APPLE SOUND CHIP</b>					
ASC UE10	1	Address Line 4	A4		
ASC UE10	2	Address Line 5	A5		
ASC UE10	3	Address Line 6	A6		
ASC UE10	4	Address Line 7	A7		
ASC UE10	5	N/A	N/A		
ASC UE10	6	N/A	N/A		
ASC UE10	7	Address Line 8	A8		
ASC UE10	8	Address Line 9	A9		
ASC UE10	9	Address Line 10	A10		
ASC UE10	10	Address Line 11	A11		
ASC UE10	11	GLUE Pin 35	SND*		
ASC UE10	12	UK8 Pin L3 / UI5 Pin 28 / UH7 Pin 17 / UK11 Pin 24 / UE6 Pin 9 / RP7 Pin 3	R-W*		
ASC UE10	13	UK11 Pin 19	SNDINT*		
ASC UE10	14	UK8 Pin E1 / R29 / UI5 Pin 11	C16M		
ASC UE10	15	Data Line 31	D31		
ASC UE10	16	Data Line 30	D30		
ASC UE10	17	Data Line 29	D29		
ASC UE10	18	Data Line 28	D28		
ASC UE10	19	Data Line 27	D27		
ASC UE10	20	Data Line 26	D26		
ASC UE10	21	Data Line 25	D25		
ASC UE10	22	Data Line 24	D24		
ASC UE10	23	???	F-CLOCK		
ASC UE10	24	Y3 / C33	Y3		
ASC UE10	25	Y3 / C34	Y3		

ASC UE10	26	N/A	N/A		
ASC UE10	27	N/A	N/A		
ASC UE10	28	-X	-X		
ASC UE10	29	UB10 Pin 16	PWMB		
ASC UE10	30	UB11 Pin 16	PWMA		
ASC UE10	31	UB10 and UB11 Pin 2	SV0		
ASC UE10	32	UB10 and UB11 Pin 3	SV1		
ASC UE10	33	UB10 and UB11 Pin 4	SV2		
ASC UE10	34	-X	-X		
ASC UE10	35	+5v	+5v		
ASC UE10	36	-X	-X		
ASC UE10	37	-X	-X		
ASC UE10	38	Ground	AGND		
ASC UE10	39	-X	-X		
ASC UE10	40	UB11 Pin 5 / UK8 Pin F12 / UK12 Pin 37 / UL11 Pin 4 / UK11 Pin 37 / RP7 Pin 2	RESET*		
ASC UE10	41	Address Line 0	A0		
ASC UE10	42	Address Line 1	A1		
ASC UE10	43	Address Line 2	A2		
ASC UE10	44	Address Line 3	A3		
<b>THE SONY SOUND CHIP 1</b>					
UB11	1	UB10 Pin 1 / Ground	SV0 ?		
UB11	2	UB10 Pin 2 / UE10 Pin 31	SV0 SV1 ?		
UB11	3	UB10 Pin 3 / UE10 Pin 32	SV1 SV2 ?		
UB11	4	UB10 Pin 4 / UE10 Pin 33	SV2 SV3 ?		
UB11	5	UK8 Pin F12 / UI5 Pin 13 / UK11 and UK12 Pin 37 / UJ11 Pin 25 / UI12 Pin 7 / RP7 Pin 2	RESET*		
UB11	6	UB10 Pin 6 / R11 / R5 / C16 /	VSNS		
UB11	7	C6	SND R-A-D		

UB11	8	C6 / C5 - / UB11 Pin 9 / Ground	AGND		
UB11	9	C6 / C5 - / UB11 Pin 8 / Ground	CMNGND		
UB11	10	C4 +	SND-R-DC		
UB11	11	UB11 Pin 12 / UB10 Pins 11 and 12 / R6 / R7 / C25 / C2 + / R14 / R15	AMP 12v		
UB11	12	UB11 Pin 11 / UB10 Pins 11 and 12 / R6 / R7 / C25 / C2 + / R14 / R15	+ 12v		
UB11	13	UB10 Pin 13 / R6 / R7	LPF 12v		
UB11	14	-X	TEST		
UB11	15	UB10 Pin 15 / C5 +	VREF		
UB11	16	UE10 Pin 30	PWMA		
<b>THE SONY SOUND CHIP 2</b>					
UB10	1	UB11 Pin 1 / Ground	SV0 ?		
UB10	2	UB11 Pin 2 / UE10 Pin 31	SV0 SV1 ?		
UB10	3	UB11 Pin 3 / UE10 Pin 32	SV1 SV2 ?		
UB10	4	UB11 Pin 4 / UE10 Pin 33	SV2 SV3 ?		
UB10	5	GLUE Pin 50 / RP8 Pin 6	TEST*		
UB10	6	UB11 Pin 6 / R11 / R5 / C16 /	VSNS		
UB10	7	C24	SND L-A-D		
UB10	8	C24 / Ground	AGND		
UB10	9	C24 / UB10 Pin 8 / Ground	CMNGND		
UB10	10	C3 +	SND-L-DC		
UB10	11	UB10 Pin 12 / UB11 Pins 11 and 12 / R6 / R7 / C25 / C2 + / R14 / R15	AMP 12v		
UB10	12	UB10 Pin 11 / UB11 Pins 11 and 12 / R6 / R7 / C25 / C2 + / R14 / R15	+ 12v		
UB10	13	UB11 Pin 13 / R6 / R7	LPF 12v		
UB10	14	-X	TEST		
UB10	15	UB11 Pin 15 / C5 +	VREF		
UB10	16	UE10 Pin 29	PWMB		
<b>THE VIA CHIP 1</b>					

VIA1 UK12	1	N/A	N/A		
VIA1 UK12	2	?	VIPA0		
VIA1 UK12	3	J14T Pin 6	VIPA1		
VIA1 UK12	4	J14T Pin 7	VIPA2		
VIA1 UK12	5	GLUE Pin 20	SYNC		
VIA1 UK12	6	GLUE Pin 49	OVERLAY		
VIA1 UK12	7	RP10 Pin 17 / J8 Pin 12	HDSEL		
VIA1 UK12	8	UA8 Pin 11	ALTVID		
VIA1 UK12	9	UG12 Pin 11 and 34	SCCWREQ*		
VIA1 UK12	10	UK4 Pin 6	RTC-0		
VIA1 UK12	11	N/A	N/A		
VIA1 UK12	12	UK4 Pin 7	RTC-CLK		
VIA1 UK12	13	UK4 Pin 5	RTC-CS*		
VIA1 UK12	14	UL11 Pin 16 /	ADB-INT*		
VIA1 UK12	15	UL11 Pin 27	ADB-STO		
VIA1 UK12	16	UL11 Pin 28	ADB-ST1		
VIA1 UK12	17	UI6 Pin 5	VSYNCEN*		
VIA1 UK12	18	?	VIPB7		
VIA1 UK12	19	UL11 Pin 13	ADB-SCLK		
VIA1 UK12	20	UL11 Pin 14	ADB-DIO		
VIA1 UK12	21	N/A	N/A		
VIA1 UK12	22	N/A	N/A		
VIA1 UK12	23	GLUE Pin 14	VIAIRQ1*		
VIA1 UK12	24	UI5 Pin 28 / J13 Pin 88 / UK8 Pin L3 / UH7 Pin 17 / GLUE Pin 52 / UE6 Pin 9 / UE10 Pin 12 / RP7 Pin 3 / UK11 Pin 24	R/W		
VIA1 UK12	25	GLUE Pin 71	VIA1CS*		
VIA1 UK12	26	All SMMS pins 28 and 58 / UI12 Pin 10 / UG12 Pin 8 and 9 / UB12 Pin 12 / UC12 Pin 4 and 12 / RP7 Pin 9 / UK11 Pin 26	PU		

VIA1 UK12	27	UK11 Pin 27 / GLUE Pin 72 / J13 Pin 78	E		
VIA1 UK12	28	Data Line 31	D31		
VIA1 UK12	29	Data Line 30	D30		
VIA1 UK12	30	Data Line 30	D29		
VIA1 UK12	31	Data Line 28	D28		
VIA1 UK12	32	Data Line 27	D27		
VIA1 UK12	33	N/A	N/A		
VIA1 UK12	34	Data Line 26	D26		
VIA1 UK12	35	Data Line 25	D25		
VIA1 UK12	36	Data Line 24	D24		
VIA1 UK12	37	UL11 Pin 4 / UK11 Pin 37 / UK8 Pin F12 / UI5 Pin 13 / UJ11 Pin 25 / I12 Pin 7 / UE10 Pin 40 / UB11 Pin 5 / RP7 Pin 2 /	RESET*		
VIA1 UK12	38	N/A	N/A		
VIA1 UK12	39	Address Line 12	A12		
VIA1 UK12	40	Address Line 11	A11		
VIA1 UK12	41	Address Line 10	A10		
VIA1 UK12	42	Address Line 9	A9		
VIA1 UK12	43	UK4 Pin 1	RTC 1hz		
VIA1 UK12	44	UK11 Pin 18	VBLK*		
		<b>THE VIA CHIP 2</b>			
VIA2 UK11	1	N/A	N/A		
VIA2 UK11	2	J13 pin 84 / GLUE Pin 2	IRQ*(1)		
VIA2 UK11	3	J13 Pin 44 / GLUE Pin 3	IRQ*(2)		
VIA2 UK11	4	J13 Pin 4 / GLUE Pin 4	IRQ*(3)		
VIA2 UK11	5	GLUE Pin 5	IRQ*(4)		
VIA2 UK11	6	GLUE Pin 6	IRQ*(5)		
VIA2 UK11	7	UI6 Pin 13 / GLUE Pin 7	IRQ*(6)		
VIA2 UK11	8	GLUE Pin 67	RAMSIZ(0)		

VIA2 UK11	9	GLUE Pin 64	RAMSIZ(1)		
VIA2 UK11	10	UK8 Pin H12	CDIS*		
VIA2 UK11	11	N/A	N/A		
VIA2 UK11	12	J13 Pin 3	BUSLOCK*		
VIA2 UK11	13	J13 Pin 81	PWROFF		
VIA2 UK11	14	UK11 Pin 17 / Ground	V2PB3		
VIA2 UK11	15	J13 Pin 43	TM1A*		
VIA2 UK11	16	J13 Pin 83	TM0A*		
VIA2 UK11	17	UK11 Pin 14 / Ground	SNDEXT*		
VIA2 UK11	18	UK12 Pin 44	VBLK*		
VIA2 UK11	19	UE10 Pin 13	SNTINT*		
VIA2 UK11	20	UI12 Pin 8	SCSIIRQ		
VIA2 UK11	21	N/A	N/A		
VIA2 UK11	22	N/A	N/A		
VIA2 UK11	23	GLUE Pin 12 / RP7 Pin 13	VIAIRQ2*		
VIA2 UK11	24	UI5 Pin 28 / J13 Pin 88 / UK8 Pin L3 / UH7 Pin 17 / GLUE Pin 52 / UE6 Pin 9 / UE10 Pin 12 / RP7 Pin 3 / UK12 Pin 24	R-W*		
VIA2 UK11	25	GLUE Pin 69	VIA2CS*		
VIA2 UK11	26	All SMMS pins 28 and 58 / UI12 Pin 10 / UG12 Pin 8 and 9 / UB12 Pin 12 / UC12 Pin 4 and 12 / RP7 Pin 9 / UK12 Pin 26	PU		
VIA2 UK11	27	UK12 Pin 27 / GLUE Pin 72 / J13 Pin 78	E		
VIA2 UK11	28	Data Line 31	D31		
VIA2 UK11	29	Data Line 30	D30		
VIA2 UK11	30	Data Line 29	D29		
VIA2 UK11	31	Data Line 28	D28		
VIA2 UK11	32	Data Line 27	D27		
VIA2 UK11	33	N/A	N/A		
VIA2 UK11	34	Data Line 26	D26		

VIA2 UK11	35	Data Line 25	D25		
VIA2 UK11	36	Data Line 24	D24		
VIA2 UK11	37	UL11 Pin 4 / UK12 Pin 37 / UK8 Pin F12 / UI5 Pin 13 / UJ11 Pin 25 / I12 Pin 7 / UE10 Pin 40 / UB11 Pin 5 / RP7 Pin 2 /	RESET*		
VIA2 UK11	38	N/A	N/A		
VIA2 UK11	39	Address Line 12	A12		
VIA2 UK11	40	Address Line 11	A11		
VIA2 UK11	41	Address Line 10	A10		
VIA2 UK11	42	Address Line 9	A9		
VIA2 UK11	43	GLUE Pin 51 / UI12 Pin 9	SCSIDRQ		
VIA2 UK11	44	GLUE Pin 8	SLOTIRQ		
		<b>THE VIDEO ROM CHIP</b>			
VROM UK6	1	+5 v	VPP		
VROM UK6	2	Address Line 12	A12		
VROM UK6	3	Address Line 7	A7		
VROM UK6	4	Address Line 6	A6		
VROM UK6	5	Address Line 5	A5		
VROM UK6	6	Address Line 4	A4		
VROM UK6	7	Address Line 3	A3		
VROM UK6	8	Address Line 2	A2		
VROM UK6	9	Address Line 1	A1		
VROM UK6	10	Address Line 0	A0		
VROM UK6	11	Data Line 24	D24		
VROM UK6	12	Data Line 25	D25		
VROM UK6	13	Data Line 26	D26		
VROM UK6	14	Ground	GND		
VROM UK6	15	Data Line 27	D27		
VROM UK6	16	Data Line 28	D28		

VROM UK6	17	Data Line 29	D29		
VROM UK6	18	Data Line 30	D30		
VROM UK6	19	Data Line 31	D31		
VROM UK6	20	UK6 Pin 22 / UE6 Pin 19	CE		
VROM UK6	21	Address Line 10	A10		
VROM UK6	22	UK6 Pin 20 / UE6 Pin 19	OE		
VROM UK6	23	Address Line 11	A11		
VROM UK6	24	Address Line 9	A9		
VROM UK6	25	Address Line 8	A8		
VROM UK6	26	N/A	N/A		
VROM UK6	27	+5 v	PGM		
VROM UK6	28	+5 v	VCC		
<b>THE SWIM CHIP</b>					
SWIM UJ11	1	Ground	GND		
SWIM UJ11	2	UH7 Pin 4	WR*		
SWIM UJ11	3	RP10 Pin 16 / J8 Pin 10	WRREQ		
SWIM UJ11	4	Data Line 24	D24		
SWIM UJ11	5	Data Line 25	D25		
SWIM UJ11	6	N/A	N/A		
SWIM UJ11	7	N/A	N/A		
SWIM UJ11	8	Data Line 26	D26		
SWIM UJ11	9	Data Line 27	D27		
SWIM UJ11	10	- x	MOTOEN		
SWIM UJ11	11	+5 v	+5 v		
SWIM UJ11	12	Ground	GND		
SWIM UJ11	13	Data Line 28	D28		
SWIM UJ11	14	Data Line 29	D29		
SWIM UJ11	15	Data Line 30	D30		

SWIM UJ11	16	- x	3.5SEL		
SWIM UJ11	17	N/A	N/A		
SWIM UJ11	18	Data Line 31	D31		
SWIM UJ11	19	RP10 Pin 18	ENBL2		
SWIM UJ11	20	J8 Pin 14	ENBL1		
SWIM UJ11	21	UJ11 Pin 24 / J8 Pin 16 / RP10 pin 19	SENSE		
SWIM UJ11	22	+5 v	+5 v		
SWIM UJ11	23	Ground	GND		
SWIM UJ11	24	UJ11 Pin 21 / J8 Pin 16 / RP10 pin 19	RDDATA		
SWIM UJ11	25	UL11 Pin 4 / UK12 Pin 37 / UK8 Pin F12 / UI5 Pin 13 / UK11 Pin 37 / I12 Pin 7 / UE10 Pin 40 / UB11 Pin 5 / RP7 Pin 2 /	RESET*		
SWIM UJ11	26	UK8 Pin E1 /	C16M		
SWIM UJ11	27	UI6 Pin 19 / GLUE Pin 47 / RP7 Pin 1	AS*		
SWIM UJ11	28	N/A	N/A		
SWIM UJ11	29	N/A	N/A		
SWIM UJ11	30	+5 v	+5 v		
SWIM UJ11	31	RP10 Pin 15 / J8 Pin 8	FPH3		
SWIM UJ11	32	RP10 Pin 13 / J8 Pin 4	FPH1		
SWIM UJ11	33	- x	DAT1BYTE		
SWIM UJ11	34	Ground	GND		
SWIM UJ11	35	RP10 Pin 12 / J8 Pin 2	FPH0		
SWIM UJ11	36	RP10 Pin 14 / J8 Pin 6	FPH2		
SWIM UJ11	37	Address Line 9	A9		
SWIM UJ11	38	TP3	HEDSEL		
SWIM UJ11	39	N/A	N/A		
SWIM UJ11	40	Address Line 10	A10		
SWIM UJ11	41	Address Line 11	A11		
SWIM UJ11	42	Address Line 12	A12		

SWIM UJ11	43	GLUE Pin 25	SWIM*		
SWIM UJ11	44	+5 v	+5 v		