

IC INFORMATION

Function		MPEG DECODER		MN677532JAUB		1/2	E
Type		CMOS		Model	AVX-7300/UC		

1	VDD-1	151	VSS-151
2	MA0	152	VD6
3	MA3	153	VD5
4	MA1	154	VD4
5	VSS-5	155	VSS-151
6	MA5	156	VD3
7	MA2	157	VD2
8	MA4	158	VD1
9	VDD-9	159	VD0
10	MA3	160	LVDD-146
11	TEST9	161	VLCK
12	XRST	162	XHSYNCO
13	TEST8	163	XVSYNCO
14	LVDD-14	164	DCTEST
15	TEST7	165	TESTSEL1
16	TEST6	166	TESTSEL0
17	TEST5	167	PLLTEST
18	TEST4	168	MODE121
19	VSS-19	169	ACKIO
20	TEST3	170	N. C.
21	RFF-21	171	AVSS0
22	TEST1	172	VYOUT
23	RFF-23	173	COMPY
24	VSS-24	174	IREFY
25	HMD1	175	VREFY
26	HMD0	176	AVDD0
27	XHINT	177	VCOUT
28	XDK	178	COMPC
29	VSS-29	179	IREFC
30	XWR	180	VREFC
31	XRD	181	AVSS1
32	XCS	182	VGOUT
33	HCLK	183	COMP
34	VDD-34	184	IREFG
35	HA1	185	VREFG
36	HA2	186	AVDD1
37	HA3	187	VBOUT
38	HA4	188	COMPB
39	LVDD-39	189	IREFB
40	HA5	190	VREFB
41	HA6	191	APLLAVSS
42	HA7	192	AVCOIN
43	HA8	193	AVROUT
44	VSS-44	194	APLLAVDD
45	HA9	195	VDD-111
46	HA10	196	EXTCK
47	HA11	197	ATCPOUT
48	VDD-48	198	APLLVDD
49	HDO	199	VSS-107
50	HDI	200	CLKB1
51	HDI	201	LVDD-105
52	VSS-9	202	PLAVDD
53	HDI	203	CLKB1
54	HDI	204	LVDD-105
55	HDI	205	PLAVSS
56	HDI	206	TOPOUT
57	HDI	207	PLAVDD
58	HDI	208	CLKB1
59	HDI	209	LVDD-105
60	HDI	210	PLAVSS
61	HDI	211	TOPOUT
62	HDI	212	PLAVDD
63	HDI	213	CLKB1
64	HDI	214	LVDD-105
65	HDI	215	PLAVSS
66	HDI	216	TOPOUT
67	HDI	217	PLAVDD
68	HDI	218	CLKB1
69	HDI	219	LVDD-105
70	HDI	220	PLAVSS
71	HDI	221	TOPOUT
72	HDI	222	PLAVDD
73	HDI	223	CLKB1
74	HDI	224	LVDD-105
75	HDI	225	PLAVSS
76	HDI	226	TOPOUT
77	HDI	227	PLAVDD
78	HDI	228	CLKB1
79	HDI	229	LVDD-105
80	HDI	230	PLAVSS
81	HDI	231	TOPOUT
82	HDI	232	PLAVDD
83	HDI	233	CLKB1
84	HDI	234	LVDD-105
85	HDI	235	PLAVSS
86	HDI	236	TOPOUT
87	HDI	237	PLAVDD
88	HDI	238	CLKB1
89	HDI	239	LVDD-105
90	HDI	240	PLAVSS
91	HDI	241	TOPOUT
92	HDI	242	PLAVDD
93	HDI	243	CLKB1
94	HDI	244	LVDD-105
95	HDI	245	PLAVSS
96	HDI	246	TOPOUT
97	HDI	247	PLAVDD
98	HDI	248	CLKB1
99	HDI	249	LVDD-105
100	HDI	250	PLAVSS
101	HDI	251	TOPOUT
102	HDI	252	PLAVDD
103	HDI	253	CLKB1
104	HDI	254	LVDD-105
105	HDI	255	PLAVSS
106	HDI	256	TOPOUT
107	HDI	257	PLAVDD
108	HDI	258	CLKB1
109	HDI	259	LVDD-105
110	HDI	260	PLAVSS
111	HDI	261	TOPOUT
112	HDI	262	PLAVDD
113	HDI	263	CLKB1
114	HDI	264	LVDD-105
115	HDI	265	PLAVSS
116	HDI	266	TOPOUT
117	HDI	267	PLAVDD
118	HDI	268	CLKB1
119	HDI	269	LVDD-105
120	HDI	270	PLAVSS
121	HDI	271	TOPOUT
122	HDI	272	PLAVDD
123	HDI	273	CLKB1
124	HDI	274	LVDD-105
125	HDI	275	PLAVSS
126	HDI	276	TOPOUT
127	HDI	277	PLAVDD
128	HDI	278	CLKB1
129	HDI	279	LVDD-105
130	HDI	280	PLAVSS
131	HDI	281	TOPOUT
132	HDI	282	PLAVDD
133	HDI	283	CLKB1
134	HDI	284	LVDD-105
135	HDI	285	PLAVSS
136	HDI	286	TOPOUT
137	HDI	287	PLAVDD
138	HDI	288	CLKB1
139	HDI	289	LVDD-105
140	HDI	290	PLAVSS
141	HDI	291	TOPOUT
142	HDI	292	PLAVDD
143	HDI	293	CLKB1
144	HDI	294	LVDD-105
145	HDI	295	PLAVSS
146	HDI	296	TOPOUT
147	HDI	297	PLAVDD
148	HDI	298	CLKB1
149	HDI	299	LVDD-105
150	HDI	300	PLAVSS
151	HDI	301	TOPOUT
152	HDI	302	PLAVDD
153	HDI	303	CLKB1
154	HDI	304	LVDD-105
155	HDI	305	PLAVSS
156	HDI	306	TOPOUT
157	HDI	307	PLAVDD
158	HDI	308	CLKB1
159	HDI	309	LVDD-105
160	HDI	310	PLAVSS
161	HDI	311	TOPOUT
162	HDI	312	PLAVDD
163	HDI	313	CLKB1
164	HDI	314	LVDD-105
165	HDI	315	PLAVSS
166	HDI	316	TOPOUT
167	HDI	317	PLAVDD
168	HDI	318	CLKB1
169	HDI	319	LVDD-105
170	HDI	320	PLAVSS
171	HDI	321	TOPOUT
172	HDI	322	PLAVDD
173	HDI	323	CLKB1
174	HDI	324	LVDD-105
175	HDI	325	PLAVSS
176	HDI	326	TOPOUT
177	HDI	327	PLAVDD
178	HDI	328	CLKB1
179	HDI	329	LVDD-105
180	HDI	330	PLAVSS
181	HDI	331	TOPOUT
182	HDI	332	PLAVDD
183	HDI	333	CLKB1
184	HDI	334	LVDD-105
185	HDI	335	PLAVSS
186	HDI	336	TOPOUT
187	HDI	337	PLAVDD
188	HDI	338	CLKB1
189	HDI	339	LVDD-105
190	HDI	340	PLAVSS
191	HDI	341	TOPOUT
192	HDI	342	PLAVDD
193	HDI	343	CLKB1
194	HDI	344	LVDD-105
195	HDI	345	PLAVSS
196	HDI	346	TOPOUT
197	HDI	347	PLAVDD
198	HDI	348	CLKB1
199	HDI	349	LVDD-105
200	HDI	350	PLAVSS
201	HDI	351	TOPOUT
202	HDI	352	PLAVDD
203	HDI	353	CLKB1
204	HDI	354	LVDD-105
205	HDI	355	PLAVSS
206	HDI	356	TOPOUT
207	HDI	357	PLAVDD
208	HDI	358	CLKB1
209	HDI	359	LVDD-105
210	HDI	360	PLAVSS
211	HDI	361	TOPOUT
212	HDI	362	PLAVDD
213	HDI	363	CLKB1
214	HDI	364	LVDD-105
215	HDI	365	PLAVSS
216	HDI	366	TOPOUT
217	HDI	367	PLAVDD
218	HDI	368	CLKB1
219	HDI	369	LVDD-105
220	HDI	370	PLAVSS
221	HDI	371	TOPOUT
222	HDI	372	PLAVDD
223	HDI	373	CLKB1
224	HDI	374	LVDD-105
225	HDI	375	PLAVSS
226	HDI	376	TOPOUT
227	HDI	377	PLAVDD
228	HDI	378	CLKB1
229	HDI	379	LVDD-105
230	HDI	380	PLAVSS
231	HDI	381	TOPOUT
232	HDI	382	PLAVDD
233	HDI	383	CLKB1
234	HDI	384	LVDD-105
235	HDI	385	PLAVSS
236	HDI	386	TOPOUT
237	HDI	387	PLAVDD
238	HDI	388	CLKB1
239	HDI	389	LVDD-105
240	HDI	390	PLAVSS
241	HDI	391	TOPOUT
242	HDI	392	PLAVDD
243	HDI	393	CLKB1
244	HDI	394	LVDD-105
245	HDI	395	PLAVSS
246	HDI	396	TOPOUT
247	HDI	397	PLAVDD
248	HDI	398	CLKB1
249	HDI	399	LVDD-105
250	HDI	400	PLAVSS

Pin Functions(MN677532JAUB)

Pin Name	I/O	Function and Operation
STD7-0	I	Stream data/CD-Audio bypass port
VRQ	O	DMA request
VSTR	I	Data strobe
AUDSTR	I	Data strobe
AVRTM	I	Sector separation signal
MDQ15-0	I/O	I/O data of main SDRAM
MA11-0	O	Bank sell and address
XRAS	O	RAS ofSDRAM
XCAS	O	CAS of SDRAM
XWE	O	Write signal of SDRAM
XCSM	O	CS of main SDRAM
XCSE	O	CS of extended SDRAM
DQMLM	O	Lower byte DQ mask of main SDRAM
DQMUM	O	Upper byte DQ mask of main SDRAM
DQMLE	O	Lower byte DQ mask of extended SDRAM
DQMUE	O	Upper byte DQ mask of extended SDRAM

IC INFORMATION

Function	MPEG DECODER	MN677532JAUB		2/2	E
Type	CMOS	Model	AVX-7300/UC		

Pin Functions(MN677532JAUB)

Pin Name	I/O	Function and Operation
MCK	O	SDRAM CLK
MCKI	I	SDRAM CLK input
HD15-0	I/O	Data bus
HA11-1	I	Address bus
HCLK	I	Host CPU clock
XCS	I	Chip select
XRD	I	Read enable
XWR	I	Write enable
XDK	O	Data acknowledge
XHINT	O	Interrupt strobe
HMD0,1	I	Host CPU select
XRST	I	System reset
CLK27	I	27MHz clock input
CLKMON	O	Clock monitor
CKIO	I	81MHz clock select
ACKIO	I	Audio PLL test mode
CLK81	I	External 81MHz input
CLK121	I	External 121.5MHz input
MODE121	I	Clock mode select
DCTEST	I	DC test mode
TESTSEL1,0	O	Test signal
TEST10-0	O	Test signal
VD7-0	O	Video data bus
VCLK	O	Video data clock
XVSYNCO	I/O	Vsync input/output
XHSYNCO	I/O	Horizontal sync input/output
VYOUT	O	Y analog output
VCOUT	O	Cr C analog output
VGOUT	O	Cb Composite analog output
VBOU	O	C analog output
VREFY/C/G/B	I	DAC reference input
IREFY/C/G/B	I	DAC resistance terminal for bias current setting
COMPY/C/G/B	I	DAC capacity connection terminal for stabilization
RFF	O	Repeat first field flag output
ADOUT2-0	O	Audio data output
SRCK	O	Bit clock output
LRCK	O	LR clock output
DACCK	O	DAC clock output
IECOUT	O	IEC958 data output
TCPOUT	O	OPEN
ATCPOUT	O	OPEN
ATVROUT	O	L fixation
EXTCK	I	External audio clock input
VSS		GND
VDD		Power supply
LVDD		Lch Power supply
PLLA VDD		PLL analog power supply
PLL VDD		PLL power supply
PLLA VSS		PLL analog GND
APLL VDD		Analog PLL power supply
AVDD		Analog power supply
AVSS		Analog GND
APLLA VDD		Analog PLL power supply for audio
APLLA VSS		Analog PLL GND for audio