

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	VDDIO	PE15	PE13	PE11	PE07	PE02	AGNDPLL	OSCEN_N	PC23	PA05	PB21	PB15	PB13	PB11	GND	VDDIO
B	GNDIO	PE16	PE12	PE09	PE04	PLL0	AVDDOSC	PC30	PC25	PC19	PB23	PB18	PB14	PB10	PC17	PC16
C	PD01	PD00	PE14	PE10	PE06	PE00	PLL1	PC31	PC24	PA07	PB22	PB17	PB12	PB09	PB07	PB08
D	PE17	PE18	PD02	PE08	PE03	GND	AGNDOSC	PC29	PC22	PC18	PB20	PB15	PB03	PB05	PB04	PB05
E	PX48	PX50	PX49	PX47	PE05	PE01	XOUT32	PC28	VDDIO	GND	PB19	PB00	PX46	PB01	VDDIO	PB02
F	PX32	PX00	PX33	VDDIO	PX51	AVDDPLL	XIN0	PC27	PC21	VDDCORE	GND	PX44	PX42	PX43	PX40	PX45
G	PX04	VDDCORE	PX05	PX03	PX02	PX01	XOUT0	PX26	PC20	PC15	PC14	PC10	PC11	PC13	PC12	VDDCORE
H	PD06	VDDIO	PD07	PD05	PD04	PD03	GND	XIN32	PC09	PC05	PC06	PE25	VDDIO	PC07	PX39	PC08
J	TRST_N	TMS	TDI	TCK	TDO	PD09	PD08	EVT_N	PB27	PX27	PX28	PX29	PX30	VDDCORE	GND	PX31
K	PA05	PA01	PA02	PA00	RESET_N	PA03	PA04	HSDP	PA27	GND	PX22	PX23	PX24	PX26	VDDIO	PX25
L	PA09	PB25	VDDIO	PA08	GND	PB24	AGNDUSB	VDDCORE	PA28	VDDIO	PE24	PX38	PX18	PX20	PX21	PX19
M	PA14	PA11	PA13	PA10	PA12	VDDIO	VDDIO	GND	PA29	PB28	PE20	PX08	PX34	PX36	PX37	PX35
N	PA18	PA16	PA17	PA15	PD14	GND	FSDM	VBG	PA30	PX53	PE22	PX06	PX11	PX15	PX17	PX16
P	PA20	PA19	PA21	PD11	PD16	XOUT1	GND	PA25	WAKE_N	PX41	PE21	PX09	PB30	PC02	PX13	PX14
R	PA22	PD10	PA23	PD13	PD17	AVDDUSB	HSDM	PA26	PA31	PX52	PE23	PX07	PB29	PC00	PC04	GND
T	VDDIO	GND	PA24	PD12	PD15	XIN1	FSDP	VDDIO	PB26	PE25	PE19	PX10	PX12	PC01	PC03	VDDIO

Atmel AP7000 BGA pinout

Jesper Hansen - May 2006