

PINOUTS

Figure 2. VT8364A KL133A Ball Diagram (Top View)

Key	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	GND	GND	AIN _{14#}	AIN _{15#}	AIN _{16#}	AIN _{17#}	AIN _{18#}	D11#	D0#	DICLK _{1#}	D5#	D7#	D18#	D20#	D22#	D40#	D43#	D44#	D47#	D56#	D59#	D62#	DICLK _{2#}	D49#	DOCLK _{1#}	AOUT _{1#}
B	AG	AB	AIN _{12#}	GND	AIN _{13#}	AIN _{12#}	GND	D9#	D3#	GND	D4#	D6#	GND	D19#	DOCLK _{1#}	GND	D42#	DICLK _{2#}	GND	D39#	D60#	GND	D63#	D53#	GND	AOUT _{2#}
C	RSET	AR	VCC	PROC	AIN _{10#}	AIN _{11#}	AIN _{5#}	D14#	D13#	D2#	D25#	D16#	D17#	D21#	D23#	D41#	D34#	D45#	D38#	D57#	D58#	D52#	D55#	AOUT _{4#}	AOUT _{6#}	AOUT _{0#}
D	VCC	GND	GND	VCC	CON	VTT	AIN _{6#}	DOCLK _{0#}	VTT	D12#	D15#	VTT	D28#	D29#	VTT	D30#	D33#	VTT	D37#	D36#	VTT	D54#	AOUT _{11#}	AOUT _{10#}	AOUT _{17#}	AOUT _{12#}
E	XIN	XOUT	VCC	GND	CKFD	DIN	AIN _{8#}	AIN _{7#}	D10#	D8#	D1#	D27#	D26#	D31#	DICLK _{1#}	DOCLK _{2#}	D35#	D51#	D46#	D48#	D61#	S2K	VTT	AOUT _{5#}	VTT	AOUT _{7#}
F	SP	DFT	BIST	V	H	VCC3	GND	VTT	GND	S2K	VTT	GND	D24#	VTT	D32#	GND	VTT	D50#	GND	S2K	S2K	S2K	CLK	AOUT _{8#}	AOUT _{13#}	AOUT _{14#}
G	SP	SP	GND	PND11	PND9	SP	G7	8	9	10	11	12	13	14	15	16	17	18	19	G20	GND	HCLK	MD1	MD32	MD0	MD33
H	PND5	PND6	PND7	PND10	PND8	VCC3	H	GFX	CPU Pins										H	GND	VCC	S2K	MD34	MD35	MD2	
J	PND2	PND3	PND4	PND1	PND0	GND	J	Pins	VCC3	VTT	VCC	VCC	VTT	VTT	VCC	VCC	VTT	VTT	J	VCC3	MD4	MD6	GND	MD3	MD36	
K	PNCLK	PNDT	PNVS	PNHS	GP	GPO0	K	VCC3	K10	11	12	13	14	15	16	K17	VCC3	K	VCC3	MD39	MD7	MD37	MD5	MD38		
L	P	PNDT	GND	P	INT	VCC3	L	VCC	L	GND	GND	GND	GND	GND	GND	L	VCC	L	GND	MD9	MD42	MD40	MD8	MD41		
M	GNT	REQ	GNT	REQ	GNT	GND	M	VCC	M	GND	GND	GND	GND	GND	GND	M	VCC	M	VCC3	MD45	MD10	GND	MD11	MD43		
N	REQ	GNT	REQ	VCC3	GNT	REQ	N	PCI	VCC3	N	GND	GND	GND	GND	GND	N	VCC3	DRAM	N	MD13	MD14	MD46	MD47	MD44	MD12	
P	AD29	AD26	AD25	AD31	AD28	VCC3	P	Pins	VCC3	P	GND	GND	GND	GND	GND	P	VCC3	Pins	P	GND	VCC	MCLK	MD15	SCASA	CKE2	
R	AD24	AD23	GND	AD30	AD27	GND	R	VCC	R	GND	GND	GND	GND	GND	GND	R	VCC3	R	VCC3	MCLK	DQM	DQM	CKE3	DQM		
T	AD20	AD22	CBE	AD21	FRM	I	T	VCC	T	GND	GND	GND	GND	GND	GND	T	VCC	T	GND	MA3	VCC3	GND	CKE1	DQM		
U	AD16	AD18	AD19	AD17	CBE	WSC	U	VCC3	U10	11	12	13	14	15	16	U17	VCC	U	MA7	MA5	MA1	MA0	SRASA	CKE0		
V	LOCK	SERR	DEV	STOP	T	VCC3	V	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC3	VCC3	V	VCC3	MA6	MA4	MA9	MA8	MA2	
W	AD15	PAR	GND	CBE	AD10	GND	W	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC	VCC	W	VCC3	MA14	MA1	MA12	MA11	MA10		
Y	AD13	AD11	AD12	AD14	AD9	GND	Y7	8	9	10	11	12	13	14	15	16	17	18	19	Y20	GND	CS4	CS5	GND	CS0	CS1
AA	CBE0	AD8	AD7	AD6	PCLK	VCC3	VCC	GND	NC	VCC	GND	VCC	GND	VCC	VCC	GND	VCC	VCC	GND	VSUS	VCC3	DQM	DQM	DQM	CS3	CS2
AB	AD4	AD5	GND	PCK	RE	NC	NC	NC	NC	NC	NC	NC	NC	GCLK	GND	NC	GND	AGP	SUS	MD62	MD58	MD16	MD48	SWEA	CKE5	DQM
AC	AD2	AD3	AD0	AD1	VCC	NC	NC	VCC	NC	NC	VCC	NC	NC	VCC	GCLK	NC	VCC	AGP	PWR	MD59	MD26	MD56	MD21	MD17	MD49	CKE4
AD	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	MD30	MD28	GND	MD24	MD22	GND	MD18	MD50
AE	NC	GND	NC	NC	GND	NC	NC	GND	NC	NC	GND	NC	NC	GND	NC	NC	GND	NC	MD63	MD61	MD27	MD25	MD55	MD53	MD19	MD51
AF	NC	NC	NC	NC	NC	NC	NC	NC	NC	AGP	NC	NC	NC	NC	NC	NC	NC	NC	MD31	MD29	MD60	MD57	MD23	MD54	MD20	MD52