

### Vizio VTAB1008 Main PCB BOM

Location	Vendor	Part Number	Description
U1	Marvell	88AP610	MMP2 processor, 1GHz
U41, U42	Samsung	K4B2G1646C-HCH9	DDR3, 128Mx16
U30	Sandisk	SDIN5C2-4G	eMMC, 4Gbytes
U34	CyberTAN	NC024C	WLAN module
U37	ST	LIS33DETR	Accelerometer
U11	(japan)	358764G 377598	Audio Codec
U14		ABD U EN	Audio Amp
U32	CSR	SiRF GSD4T	GPS Receiver
U54		17042	10-pin battery gas gauge ?
U40		1Z04A	5-pin inverter
U10	Maxim	MAX8925	MMP2 Power Management IC
U17	Maxim	MAX8903	Battery Charger
U21	Maxim	MAX8952EWE	Vmain switching regulator
U18	?	6795 G 08N4G	8-pin switching regulator
U56	?	ODH	8-pin switching regulator
U12		OAR2HN	8-ball (power switch ?)
U49		HER	5-pin linear regulator, for WLAN
U50		HER	5-pin linear regulator, for GPS
U3		2GAD	backlight inverter
U4		B6AE	switching regulator for LCD
U15/U16		OAN2HN	ESD protection ?
U52		U1-1PG	power switch/regulator for HDMI
U38		Y529 107AT	16-pin BGA, near CN4
L11		power inductor	(near U10)
5 x		1.0 uH power inductor	
1 x		2.2 uH power inductor	(near U10)
1x		power inductor	(near U18)
L9		power inductor	(near U3)
L25		2.2 uH power inductor	(near U4)
CN4			microSD socket, w. ejector
CN6			6 pin connector, to battery
CN8			40-pin male miniature bd/cable
CN15			mini HDMI connector
J29			mini USB OTG connector
J16			20-pin male miniature bd/cable
J24			2-pin
J28			10-pin male miniature bd/cable
1 x			40-pin male miniature bd/cable
J17, J18			RF connectors
Q19		AEBV	MOSFET in display pwr supply
Q17, Q18		ADEV	MOSFET in WLAN and disp. Pwr
Q24		P5t	RF switch ? In GPS RF
Q10, Q20-27		AECV	Power MOSFET
D64, Q2-Q4		KJG	Dual diode (near U56, U4)
2 x		S4	schottky diode (near U10,CN8)
1 x		S5	schottky diode (near U18)
D8-D10, D12-D16		OS24P	8-wire ESD diodes (USB/HDMI)
D24, D25		LZ	schottky diode (near U3, U4)

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D4		A2	diode (near U3)
X3		T260	26 MHz crystal (near U1)
X4		TQ27	27 MHz crystal (near U32)
X6		TAZOS	32.768 Khz crystal (near U10)
X2	SII	C1303	? (near U10)