

Original Xbox Replacement Capacitors



Motherboard Version 1.2 – 1.5 (Summary)

Capacitor Specifications								
Priority	#	Description	Type	Capacitance	Voltage	Height	Width	Quantity
High	1	Clock Cap	TH	1 F	2.7v	13mm	8mm	1
High	2	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	5
High	3	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	2
High	4	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	--
Medium	5	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	3
Medium	6	Mobo Cap	TH	680 uF	10v	15mm	8mm	1
Medium	7	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	7
Medium	8	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	13
Low	9	Mobo Cap	SMD	47 uF	16v	4.6mm	6.3mm	1
Low	10	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	5

Recommended Replacement		
Manufacturer	Series	Part Number
Nichicon	JUM	JUMT1105MPD
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Nichicon	UHE	UHE1A681MPD
Nichicon	UHE	UHE1E101MED
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UZS	UZS1C470MCL1GB
Nichicon	UZS	UZS1C100MCL1GB

Motherboard Version 1.2 – 1.5 (Detailed)

Capacitor Specifications								
Priority	#	Description	Type	Capacitance	Voltage	Height	Width	Designator
High	1	Clock Cap	TH	1 F	2.7v	13mm	8mm	C7G3
High	2	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	C3E2
High	3	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	C2E3
High	4	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	C2E4
High	5	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	C2E5
High	6	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	C1E1
High	7	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C2F1
High	8	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C1G1
Medium	9	Mobo Cap	TH	2200 uF	6.3v	13mm	10mm	C7G1
Medium	10	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C7E2
Medium	11	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C7F1
Medium	12	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C4F9
Medium	13	Mobo Cap	TH	680 uF	10v	15mm	8mm	C5A4
Medium	14	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C3B2
Medium	15	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C6G3
Medium	16	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C6G2
Medium	17	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C5F4
Medium	18	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C5G1
Medium	19	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C4G1
Medium	20	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	C3F10
Medium	21	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C8C2
Medium	22	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C7B5
Medium	23	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C8E3
Medium	24	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C7G6
Medium	25	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C6G1
Medium	26	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C5F5
Medium	27	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C4G4
Medium	28	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C4G8
Medium	29	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C3G1
Medium	30	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C3F6
Medium	31	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	C2G2
Medium	32	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C1G3
Medium	33	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C1G6
Low	34	Mobo Cap	SMD	47 uF	16v	4.6mm	6.3mm	C7B2
Low	35	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6A10
Low	36	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6B6
Low	37	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6A4
Low	38	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6A11
Low	39	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6B4

Recommended Replacement		
Manufacturer	Series	Part Number
Nichicon	JUM	JUMT1105MPD
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Nichicon	UHE	UHE1A681MPD
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UZS	UZS1C470MCL1GB
Nichicon	UZS	UZS1C100MCL1GB
Nichicon	UZS	UZS1C100MCL1GB
Nichicon	UZS	UZS1C100MCL1GB
Nichicon	UZS	UZS1C100MCL1GB

Original Xbox Replacement Capacitors



Motherboard Version 1.6 – 1.6b (Summary)

Capacitor Specifications								
Priority	#	Description	Type	Capacitance	Voltage	Height	Width	Quantity
High	1	Clock Cap	TH	1 F	2.7v	13mm	8mm	1
High	2	CPU Cap	TH	1500 uF	6.3v	13mm	10mm	--
High	3	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	--
High	4	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	5
Medium	5	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	3
Medium	6	Mobo Cap	TH	680 uF	10v	15mm	8mm	--
Medium	7	Mobo Cap	TH/SMD	100 uF	25v	11mm	6.3mm	3
Medium	8	Mobo Cap	TH/SMD	22 uF	25v	12.5mm	5mm	11
Low	9	Mobo Cap	SMD	47 uF	16v	4.6mm	6.3mm	1
Low	10	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	3

Recommended Replacement		
Manufacturer	Series	Part Number
Nichicon	JUM	JUMT1105MPD
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Nichicon	UHE	UHE1A681MPD
Nichicon	UHE	UHE1E101MED
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UZS	UZS1C470MCL1GB
Nichicon	UZS	UZS1C100MCL1GB

Motherboard Version 1.6 – 1.6b (Detailed)

Capacitor Specifications								
Priority	#	Description	Type	Capacitance	Voltage	Height	Width	Designator
High	1	Clock Cap	TH	1 F	2.7v	13mm	8mm	C8C1
High	2	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C2E2
High	3	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C1E2
High	4	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C1E1
High	5	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C1G10
High	6	CPU Cap	TH	2200 uF	6.3v	13mm	10mm	C1F2
Medium	7	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C2B2
Medium	8	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C7F1
Medium	9	Mobo Cap	TH	1500 uF	6.3v	13mm	10mm	C5G2
Medium	10	Mobo Cap	TH	100 uF	25v	11mm	6.3mm	C1B1
Medium	11	Mobo Cap	TH	100 uF	25v	11mm	6.3mm	C8F5
Medium	12	Mobo Cap	TH	100 uF	25v	11mm	6.3mm	C8G2
Medium	13	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C7A2
Medium	14	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C8E3
Medium	15	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C8G1
Medium	16	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C7G11
Medium	17	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C7G3
Medium	18	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C6G3
Medium	19	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C4G5
Medium	20	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C3G8
Medium	21	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C2G4
Medium	22	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C1G9
Medium	23	Mobo Cap	TH	22 uF	25v	12.5mm	5mm	C1G7
Low	24	Mobo Cap	SMD	47 uF	16v	4.6mm	6.3mm	C7B9
Low	25	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C8B1
Low	26	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6A1
Low	27	Mobo Cap	SMD	10 uF	16v	4.6mm	4mm	C6A3

Recommended Replacement		
Manufacturer	Series	Part Number
Nichicon	JUM	JUMT1105MPD
Kemet	A759	A759MS228M0JAAE013
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Kemet	A759	A759MS228M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Kemet	A759	A759MS158M0JAAE013
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UHE	UHE1E101MED
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UPS	UPS1E220MDD1TD
Nichicon	UZS	UZS1C470MCL1GB
Nichicon	UZS	UZS1C100MCL1GB
Nichicon	UZS	UZS1C100MCL1GB