

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
63	2	R525,R526	2k	RES SMD 2K OHM 1% 1/10W 0402	Panasonic	ERJ-2RKF2001X		402	
64	3	R527,R528,R543	7.87k	RES 7.87K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RKF7871X		402	
65	0	R534,R545	80.6	80.6 Ohm ±1% 0.1W 1/10W Chip Resistor 0402 (1005 Metric) Au	Panasonic	ERJ-2RKF80R6X		402	
66	3	R538,R539,R560	80.6	80.6 Ohm ±1% 0.1W 1/10W Chip Resistor 0402 (1005 Metric) Au	Panasonic	ERJ-2RKF80R6X		402	
67	1	R587	3.09k	RES SMD 3.09K OHM 1% 1/10W 0402	Panasonic	ERJ-2RKF3091X		402	
68	1	R592	30.1k	30.1k Ohm ±1% 0.1W 1/10W Surface Mount Resistor Thick Film	Panasonic	ERJ-2RKF3012X		402	
69	1	R593	31.6k	31.6k Ohm ±1% 0.1W 1/10W Surface Mount Resistor Thick Film	Panasonic	ERJ-2RKF3162X		402	
70	1	R595	360k	RES SMD 360K OHM 1% 1/10W 0402	Panasonic	ERJ-2RKF3603X		402	
71	1	R600	18k	RES SMD 18K OHM 1% 1/16W 0402	Yageo	RC0402FR-0718KL		402	
72	0	R604	10k	RES SMD 10K OHM 1% 1/10W 0402	Panasonic	ERJ-2RKF1002X		402	
73	1	R627	15k	RES SMD 15K OHM 1% 1/10W 0402	Panasonic	ERJ-2RKF1502X		402	
74	1	TPGND1	TP_BLK	TEST POINT PC MINI .040inD BLACK	Keystone	5001		KEYSTONE_TP_MINIATURE	
75	0	TP1	TP_20mil PAD		-- NOT A PART --			tp20rd	
76	0	TP2,TP3,TP4,TP5,TP6,TP7	TP40		-- NOT A PART --			TP40	
77	1	UDPP	DLPC3436	DLP-PICO Processor	Texas Instruments	DLPC3436CZVBR		DPP3433_7mmx7mm_VFBGA_176balls	
78	1	UOSC	24MHz	OSC MEMS 24.000MHZ CMOS SMD 1.8V-3.3V	Abracon	ASDMB-24.000MHZ-LC-T		ECS-2018_2p5mmx2mm	
79	1	UOSC500	48MHz	OSC MEMS 48.000MHZ CMOS SMD	Abracon	ASDMB-48.000MHZ-LY-T		ECS-2018_2p5mmx2mm	
80	5	U1,U2,U3,U21,U23	SN74AUP1G06DCK	IC INVERTER SINGLE 1INPUT SC705, open drain	Texas Instruments	SN74AUP1G06DCKR		U_5_DCK	
81	4	U4,U8,U11,U14	TPS22929DDBVT	IC LOAD SWITCH SOT23-6	Texas Instruments	TPS22929DDBVT		SOT23-6_DBV_R-PDSO-G6	
82	1	U5	DRV8833C PWP	IC MOTOR DRIVER PAR	Texas Instruments	DRV8833CPWPR		16-HTSSOP	
83	1	U6	SN74AVC4T774PWR	IC BUS TRANSVR 4BIT DL 16TSSOP	Texas Instruments	SN74AVC4T774PWR		TSSOP16_PW	
84	1	U7	DLPA2005	Power & LED Driver IC for DLP PICO Projector	Texas Instruments	DLPA2005ERSLR		PAD2005_RSL_S-PQFP-N48_QFN48	
85	2	U9,U18	MX25U3235FM2I-10G	IC FLASH 32MBIT 104MHZ 8SOIC	Macronix	MX25U3235FM2I-10G		SOIC-8_208mil	
86	2	U10,U15	SN74AVC4T774PWR	IC BUS TRANSVR 4BIT DL 16TSSOP	Texas Instruments	SN74AVC4T774PWR		TSSOP16_PW	
87	1	U12	PHK1924	Xilinx FPGA XC7Z020-1CLG484I	Xilinx	XC7Z020-1CLG484I4493		Xilinx_CLG484	
88	1	U13	MT41K64M16TW-107	IC DDR3 SDRAM 1Gb (64MX16) 96FBGA	Micron	MT41K64M16TW-107:J		Micron_96-ball_FBGA-x16_TW	
89	1	U16	SN74AHC1G09DBVR	IC GATE AND SGL 2INP	Texas Instruments	SN74AHC1G09DBVR		SC70_DBV_R-PDSO-G5	
90	3	U17,U20,U22	SN74AUP1G08DBV	AND Gate IC 1 Channel SOT-23-5	Texas Instruments	SN74AUP1G08DBVR		SC70_DBV_R-PDSO-G5	
91	1	U19	TPS62240DDC	IC REG BUCK ADJ 0.3A SYNC TSOT23	Texas Instruments	TPS62240DDCR		TSOT-23_DDC_R-PDSO-G5	
92	1	U24	TPS3808	IC VOLT SUPERVISOR 5.0V SOT23-6	Texas Instruments	TPS3808G50DBVR		SOT23-6_DBV_R-PDSO-G6	
93	1	U25	SN74AUP1G125DCK	IC BUS BUFFER TRI-ST SC70-5	Texas Instruments	SN74AUP1G125DCKR		U_5_DCK	
94	1	U26	SN74AUP1G07DCK	IC BUFF/DVR LOW PWR N-INV SC705, open drain	Texas Instruments	SN74AUP1G07DCKR		U_5_DCK	
95	1	U27	TL331DBV	IC DIFF COMP SINGLE SOT23-5	Texas Instruments	TL331IDBVR		SOT-23-5	
96	1	U28	TPS3125J18DBV	IC 1.62V SUPPLY MONITOR SOT23-5	Texas Instruments	TPS3125J18DBV		DBV_R-PDSO-G5	
97	1	U501	TPS62291	IC REG BUCK 3.3V 1A 6SON	Texas Instruments	TPS62291DRVR		6-WDFN_Eposed_Pad	
98	1	U502	TXS0102	IC VOLT-LEVEL TRANSLATOR 8-US8	Texas Instruments	TXS0102DCUR		VSSOP-8_DCU	
99	1	U503	TPS62293	IC REG BUCK 1.8V 1A 6SON	Texas Instruments	TPS62293DRVR		6-WDFN_Eposed_Pad	
100	1	U505	TPS73001DBV	IC REG LDO ADJ 0.2A SOT23-5	Texas Instruments	TPS73001DBVR		SOT23-6_DBV_R-PDSO-G6	
101	1	U506	TPS562209DDCT	IC REG BUCK ADJ 2A SYNC SOT-23-6	Texas Instruments	TPS562209DDCT		SOT-23_DDC_R-PDSO-G6	
102	1	U510	TMUX1511	IC SWITCH SPST QUAD 14TSSOP	Texas Instruments	TMUX1511PWR		TSSOP14_PW	
103	1	U511	TPS62260DDCT	IC REG BUCK SYNC ADJ TSOT23-5	Texas Instruments	TPS62260DDCT		TSOT-23_DDC_R-PDSO-G5	
104	1	U513	SN74AUP2G06DCKR	IC INVERTER 2CH 2-INP SC70-6	Texas Instruments	SN74AUP2G06DCKR		U_6_DCK	

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