

Bill of Materials



DLP4500-C350REF BOM

2512909 revE

ITEM	QTY	REFERENCE DESIGNATOR	VALUE	DESCRIPTION	SIZE	MANUFACTURER	MANUFACTURER PART NUMBER
1	47	C1, C2, C3, C4, C5, C6, C11, C12, C17, C18, C19, C20, C21, C22, C23, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C56, C57, C63, C65, C293, C296, C297, C294, C295, C298, C299, C300	0.1uF	CAP, CERAMIC, 16V, X5R	CAP_0402	PANASONIC	ECJ-0EB1C104K
2	8	C7, C8, C9, C10, C13, C14, C15, C16	10uF	CAP, CERAMIC, 6.3V, X5R	CAP_0603	PANASONIC	ECJ-1VB0J106M
3	108	C24, C25, C26, C27, C28, C29, C30, C31, C52, C53, C54, C55, C58, C64, C76, C77, C78, C81, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C169, C170, C172, C173, C174, C175, C176, C177, C187, C233, C236, C239, C241, C284, C285, C286, C288, C290	0.1 uF	CAP, CERAMIC, 10V, X7R	CAP_0402	Kemet	C0402C104K8RACTU
4	8	C59, C60, C61, C62, C226, C229, C232, C238	0.1 uF	CAP, CERAMIC, 50V, X7R	CAP_0805	AVX Corporation	08055C104MAT2A
5	1	C66	1 uF	CAP, CERAMIC, 16V, X7R	CAP_0805	Kemet	C0805C105K4RACTU
6	9	C67, C69, C71, C79, C82, C184, C192, C204, C223	22uF	CAP, CERAMIC, 16V, X5R	CAP_1210	Murata Electronics	GRM32ER61C226KE20L
7	12	C68, C70, C179, C180, C181, C182, C191, C201, C210, C221, C231, C237	10 uF	CAP, CERAMIC, 25V, X7R	CAP_1210	TDK	C3225X7R1E106M
8	22	C72, C74, C193, C200, C208, C211, C212, C213, C224, C242, C243, C244, C245, C251, C253, C254, C257, C264, C266, C273, C275, C282	0.1 uF	CAP, CERAMIC, 25V, X7R	CAP_0603	PANASONIC	ECJ-1VB1E104K
9	2	C73, C75	3.3 nF	CAP, CERAMIC, 25V, X7R	CAP_0402	TDK	C1005X7R1E332K
10	4	C80, C83, C195, C203	10 nF	CAP, CERAMIC, 16V, X7R	CAP_0402	TDK	C1005X7R1C103K
11	8	C84, C85, C123, C124, C125, C144, C168, C171	10 uF	CAP, CERAMIC, 10V, X7R	CAP_0805	Murata Electronics	GRM21BR71A106KE51L
12	1	C240	10 uF	CAP, CERAMIC, 6.3V, X5R	CAP_0603	TDK	C1608X5R0J106M080AB
13	3	C100, C101, C121	10 uF	CAP, CERAMIC, 6.3V, X7R	CAP_0805	Murata Electronics	GRM21BR70J106KE76L
14	2	C102, C122	0.001 uF	CAP, CERAMIC, 50V, X7R	CAP_0402	AVX Corporation	04025C102KAT2A
15	2	C103, C178	100 uF	CAP, CERAMIC, 6.3V, X5R	CAP_1206	Murata Electronics	GRM31CR60J107ME39L
16	4	C183, C194, C199, C202	47 nF	CAP, CERAMIC, 16V, X7R	CAP_0402	TDK	C1005X7R1C473K
17	7	C185, C186, C188, C196, C197, C205, C206	4.7 nF	CAP, CERAMIC, 25V, X7R	CAP_0402	Murata Electronics	GRM155R71E472KA01D
18	5	C189, C234, C287, C289, C291	2.2 uF	CAP, CERAMIC, 10V, X7R	CAP_0603	Murata Electronics	GRM188R71A225KE15D
19	3	C190, C198, C207	100 pF	CAP, CERAMIC, 50V, NP0	CAP_0402	TDK	C1005C0G1H101J
20	1	C209	3.3 uF	CAP, CERAMIC, 16V, X7R	CAP_1206	TDK	C3216X7R1C335K/1.60
21	4	C214, C215, C216, C256	100 uF	CAP, ALUM, 25V, 20%, SMD	CAP-FK-V-CASEE PAN	PANASONIC	EEE-FK1E101XP
22	2	C217, C218	10 pF	CAP, CERAMIC, 50V, NP0	CAP_0402	PANASONIC	ECJ-0EC1H180J
23	1	C219	0.01 uF	CAP, CERAMIC, 25V, X7R	CAP_0603	PANASONIC	ECJ-1VB1E103K
24	4	C220, C227, C228, C230	1 uF	CAP, CERAMIC, 25V, X5R	CAP_0603	PANASONIC	ECJ-1VB1E105K
25	1	C222	6.2 PF	CAP, CERAMIC, 50V, NP0	CAP_0402	Murata Electronics	GJM1555C1H6R2CB01D
26	1	C225	1000PF	CAP, CERAMIC, 50V, X7R	CAP_0805	PANASONIC	ECJ-2VB1H102K
27	1	C235	0.22 uF	CAP, CERAMIC, 25V, X8R	CAP_0805	TDK	C2012X8R1E224K
28	6	C246, C247, C248, C249, C250, C292	0.1uF	CAP, CERAMIC, 16V, X5R	CAP_0201	PANASONIC	ECJ-0EB1C104K
30	11	C252, C255, C258, C260, C265, C267, C269, C274, C276, C278, C283	10uF	CAP, CERAMIC, 25V, X5R	CAP_1206	Murata Electronics	GRM31CR61E106MA12L
31	3	C259, C268, C277	4.7uF	CAP, CERAMIC, 25V, X5R	CAP_0805	Murata Electronics	GRM21BR61E475KA12L

32	3	C261, C270, C280	8. 2n	CAP, CERAMIC, 50V, NPO	CAP 0603	AVX Corporation	06035A8R2CAT2A
33	3	C263, C272, C281	0. 33uF	CAP, CERAMIC, 10V, X7R	CAP 0603	TDK	C1608X7R1A334K
34	2	DN1, DN2	BAT54SW	DIODE, SCHOTTKY, 30V, 200MA	sot323avx	Fairchild Semiconductor	BAT54SW
35	2	D1, D2	ESD9C5. OST5G	DIODE, ESD, PROT, 5. 0V	SOD-923	ON Semiconductor	ESD9C5. OST5G
36	1	D3	SML-LX0402SUGC	LED, GRN/CLEAR, 574NM	D_0402	Lumex Opto/Components Inc	SML-LX0402SUGC
37	2	D16, D15	LTST-C191KRKT	LED, REDN/CLEAR, 631NM	D_0603	Lite-On Inc.	LTST-C191KRKT
38	2	D4, D7	LTST-C191KGKT	LED, GRN/CLEAR, 571NM	D_0603	Lite-On Inc.	LTST-C191KGKT
39	2	D5, D9	STPS0560Z	DIODE, SCHOTTKY, 60V, 0. 5A	SOD 123	STMicroelectronics	STPS0560Z
40	1	D6	B520C-13-F	DIODE, SCHOTTKY, 20V, 5A	DO-214AB_SMC	Diodes Inc	B520C-13-F
41	1	D8	SMCJ15A	TVS, UNIDIRECT1500W, 15V	DO-214AB_SMC	Fairchild Semiconductor	SMCJ15A
42	1	D10	DZ2J033MOL	DIODE, ZENER, 3. 3V, 150MW	SC-90_SOD-323F	PANASONIC	DZ2J033MOL
43	1	D11	SMF15A-GS08	DIODE, ZENER, ESD, 200W, 15V, 5%	DO-219AB	Vishay Semiconductor	SMF15A-GS08
44	3	D12, D13, D14	CDBU0520	DIODE, SCHOTTKY, 20V, 0. 5A	D 0603	Comchip Technology	CDBU0520
45	5	FB1, FB2, FB3, FB4, FB6	MI0603J680R-10	FERRITE, 1A, 68 OHM	FLTR 0603	Laird-Signal Integrity	MI0603J680R-10
46	2	FB5, FB7	HI0805R800R-10	FERRITE CHIP, POWER, 80 OHM	FLTR 0805	Laird-Signal Integrity	HI0805R800R-10
47	2	J1, J4	SFM-110-03-L-D-A	.050" Tiger Eye™ High Reliability Socket Strip	CONN_2x20	SAMTEC	SFM-110-03-L-D-A
48	2	J3, J6	SSQ-114-01-F-D	.100" Tiger Buy™ Socket Strip, Square Tail	CONN_2x14	SAMTEC	SSQ-114-01-F-D
49	1	J7	2001-1-2-21-00-BK	CONN RECPT HDMI THRU HOLD R/A	HDMI19	CNC Tech	2001-1-2-21-00-BK
50	5	J8, J18, J19, J23, J30	951102-8622-AR	CONN HEADER, 2POS, 2MM, VERT T/H	951102-8622-AR	3M	951102-8622-AR
51	1	J9	AXK5S20047YG	CONN SOCKET BRD/BRD .5MM 20POS	CONN_2x10	PANASONIC	AXK5S20047YG
52	4	J10, J12, J13, J15	951206-8622-AR	CONN HEADER, 6POS, 2MM, VERT T/H	951206-8622-AR	3M	951206-8622-AR
53	3	J11, J14, J25	53261-0671	CONN HEADER 6POS 1.25MM R/A	CONN_6	MOLEX	53261-0671
54	2	J16, J17	53261-0471	CONN HEADER 4POS 1.25MM R/A	CONN_4	MOLEX	53261-0471
55	1	J20	SJ-2523-SMT	CONN AUDIO JACK 2.5MM STEREO	PH_TG-2573	CUI Inc	SJ-2523-SMT
56	1	J21	1734035-2	CONN MINI USB RCPT RA TYPE B	CONN_5_USB_MINI_B	TE Connectivity	1734035-2
57	1	J22	53261-0371	CONN HEADER 3POS 1.25MM R/A	CONN_3	MOLEX	53261-0371
58	1	J24	CON20A	CONN HEADER LOPRO STR 20POS GOLD	CON_10X2	TE Connectivity	5103308-5
59	1	J26	RAPC712X	CONN POWERJACK MINI R/A PCMT	CONN_PWRJACK	Switchcraft Inc.	RAPC712X
60	1	J27	AXT580124	CONN SOCKET FPC .4MM 80POS SMD	AXT580124	PANASONIC	AXT580124
61	1	J28	3951204-8622-AR	CONN HEADER, 4POS, 2MM, VERT T/H	951204-8622-AR	3M	951204-8622-AR
62	1	J29	B14B-PHDSS (LF) (SN) (P)	CONN HEADER PHD TOP 14POS 2MM	14POS	JST	B14B-PHDSS (LF) (SN) (P)
63	1	J31	87438-0943	CONN HEADER 9POS 1.5MM R/A	HDR_1X9_Mol_ex	MOLEX	87438-0943
64	2	J32, J33	87438-0643	CONN HEADER 6POS 1.5MM R/A	HDR_1X6_Mol_ex	MOLEX	87438-0643
65	4	L1, L2, L3, L4	MMZ1005D330C	FERRITE CHIP BEAD 33 OHM	L0402	TDK	MMZ1005D330C
66	1	L5	2. 2 uH	Ultra-Low DCR Shielded Power Inductors	XFL4020	Coilcraft	XFL4020-222MEB
67	1	L6	2. 2 uH	Ultra-Low DCR Shielded Power Inductors	XFL4020	Coilcraft	XFL4020-222ME
68	3	L7, L8, L9	4. 7 uH	INDUCTOR SHIELDED POWER 4. 7UH	SRR1005	Bourns Inc.	SRR1005-4R7M
69	1	L10	22 uH	Shielded Surface Mount Power Inductors	dt1608a	Coilcraft	DT1608C-223

70	3	L11, L12, L13	3. 3u	Shielded Surface Mount Power Inductors	LPS3015	Coilcraft	MSS1048-332NL
71	9	Q1, Q2, Q4, Q9, Q11, Q12, Q13, Q14, Q15	2N2222A	TRANS, NPN, 40V, 600MA	SOT23AVXD	Fairchild Semiconductor	MMBT2222A
72	1	Q3	MMBT6427	TRANS, DARL, NPN, 40V	SOT23AVXD	Diodes Inc	MMBT6427-7-F
73	1	Q5	DMP2160UW-7	MOSFET, P-CH, 20V, 1. 5A	SOT323	Diodes Inc	DMP2160UW-7
74	3	Q6, Q8, Q10	2N2907A	TRANS, PNP, 60V, 800MA	SOT23-3_FC	Fairchild Semiconductor	MMBT2907A
75	1	Q7	FDV303N	MOSFET, N-CH, 25V, 680MA	SPT23AVXD	Fairchild Semiconductor	FDV303N
76	3	Q16, Q17, Q18	N-NextFET Power MOSFET	MOSFET, N-CH, 25V	U_6_SON	Texas Instruments	CSD16301Q2
77	1	RN1	33	RES ARRAY, 33 OHM, 8 RES, 1506	RPACK_16	PANASONIC	EXB-2HV330JV
78	14	RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8, RP9, RP10, RP11, RP12, RP13, RP14	22	RES ARRAY, 22 OHM, 4 RES, 0804	0804_2010_Metric	Yageo	YC124-JR-0722RL
79	21	R1, R4, R26, R28, R33, R46, R47, R48, R49, R51, R52, R96, R102, R104, R105, R106, R107, R108, R109, R114, R199	10K	RES, 10K OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ103
80	2	R2, R3	2. 2K	RES, 2. 2K OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ222
81	39	R5, R6, R7, R8, R10, R11, R13, R14, R20, R22, R25, R27, R29, R30, R31, R32, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R74, R75, R86, R87, R88, R92, R139, R237, R238, R239, R240	100K	RES, 100K OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ104
82	5	R9, R12, R17, R19, R21	DNI	RES, 100K OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ104
83	4	R15, R16, R18, R23	22	RES, 22 OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ220
84	1	R24	750	RES, 750 OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ751
85	7	R50, R53, R54, R55, R58, R59, R62	33. 2	RES, 33. 2 OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF33R2X
86	2	R66, R76	0	RES, 0. 0 OHM, 1/10W, JUMP	RES_0603	PANASONIC	ERJ-3GEY0R00V
87	10	R67, R68, R69, R70, R71, R81, R101, R103, R132, R140	1K	RES, 1K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ102X
88	2	R72, R73	330	RES, 330 OHM, 1/20W, 5%	RES_0201	Rohm Semiconductor	MCR006YZPJ331
89	3	R77, R83, R84	0	RES, 0. 0 OHM, 1/20W, JUMP	RES_0201	PANASONIC	ERJ-1GEOR00C
90	9	R79, R80, R85, R94, R133, R134, R135, R156, R157	3. 3K	RES, 3. 3K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ332X
91	1	R89	1. 5K	RES, 1. 5K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ152V
92	2	R90, R91	22	RES, 22 OHM, 1/10W, 1%	RES_0603	PANASONIC	ERJ-3EKF22R0V
93	2	R93, R95	1. 5K	RES, 1. 5K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ152X
94	2	R97, R99	100K	RES, 100K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ104X
95	1	R98	680K	RES, 680K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF6803X
96	1	R100	130K	RES, 130K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF1303X
97	14	R110, R117, R120, R125, R131, R136, R150, R152, R154, R159, R162, R198, R233, R234	10K	RES, 10K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ103X
98	1	R111	100	RES, 100 OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF1000X
99	1	R112	33	RES, 33 OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ330X
100	1	R113	4. 7K	RES, 4. 7K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ472X
101	3	R115, R121, R126	40. 2K	RES, 40. 2K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF4022X
102	1	R116	100K	RES, 100K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF1003X
103	3	R118, R123, R128	20K	RES, 20K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ203X
104	1	R119	80. 6K	RES, 80. 6K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF8062X
105	2	R122, R127	150K	RES, 150K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF1503X
106	1	R124	29. 4K	RES, 29. 4K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF2942X
107	1	R129	7. 68K	RES, 7. 68K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF7681X
108	1	R130	383K	RES, 383K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF3833X
109	1	R137	1M	RES, 1M OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ105X
110	1	R138	100	RES, 100 OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ101X
111	1	R142	10K	RES, 10K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GSYJ103
112	1	R143	360K	RES, 360K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ364V
113	1	R144	15K	RES, 15. 0K OHM, 1/10W, 1%	RES_0603	Yageo	RC0603FR-0715KL
114	2	R145, R149	56. 0K	RES, 56K OHM, 1/10W, 1%	RES_0603	PANASONIC	ERJ-3EKF5602V

115	1	R146	75K	RES, 75K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ753V
116	1	R147	620K	RES, 620K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ624V
117	1	R148	680K	RES, 680K OHM, 1/10W, 1%	RES_0603	PANASONIC	ERJ-3EKF6803V
118	1	R151	2.2K	RES, 2.2K OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ222V
119	3	R153, R155, R161	12	RES, 12 OHM, 1/10W, 5%	RES_0603	PANASONIC	ERJ-3GEYJ120V
120	1	R158	2.2K	RES, 2.2K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ222X
121	1	R160	33K	RES, 33K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ333X
122	28	R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R190, R191	5.1	RES, 5.1 OHM, 1/20W, 5%	RES_0201	PANASONIC	ERJ-1GEJ5R1C
123	1	R189	30K	RES, 30K OHM, 1/10W, 5%	RES_0402	PANASONIC	ERJ-2GEJ303X
124	5	R192, R193, R194, R195, R196	20	RES, 20 OHM, 1/20W, 1%	RES_0201	PANASONIC	ERJ-1GEF20ROC
125	1	R197	160	RES, 160 OHM, 1/16W, 1%	RES_0402	Vishay Dale	CRCW0402160RFKED
126	3	R200, R211, R222	56.2k	RES, 56.2K OHM, 1/10W, 1%	RES_0603	Yageo	RC0603FR-0756K2L
127	15	R201, R203, R205, R206, R208, R212, R214, R216, R217, R219, R223, R225, R227, R228, R230	1k	RES, 1.00K OHM, 1/10W, 1%	RES_0603	Yageo	RC0603FR-071KL
128	3	R207, R218, R229	28.7k	RES, 28.7K OHM, 1/10W, 1%	RES_0603	Yageo	RC0603FR-0728K7L
129	3	R209, R220, R231	3.48k	RES, 3.48K OHM, 1/10W, 1%	RES_0603	Yageo	RC0603FR-073K48L
130	3	R210, R221, R232	20m	RES, 0.02 OHM, 1W, 1%	RES_1206	Vishay Dale	WSLP1206R0200FEA
131	1	R235	240K	RES, 240K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF2403X
132	1	R236	750K	RES, 750K OHM, 1/10W, 1%	RES_0402	PANASONIC	ERJ-2RKF7503X
133	1	SW1	SW SPST	SWITCH PUSH BUTTON, SPST, 0.4VA, 12V	SW_GT12	E-Switch	TL3305AF260
134	1	SW2	B12AH	SWITCH TOGGLE, SPDT, 0.50A, 28V	NKK-B12AH	NKK Switches	B12AH
135	49	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP52, TP53	Testpoint	DNP	TP		NC
136	5	TP48, TP49, TP50, TP51, TP69	Testpoint	DNP	tp40_24		TMP-543
137	15	TP54, TP55, TP56, TP57, TP58, TP59, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68	TESTPIN	DNP	TP40		BBL-101-T-E
138	2	T1, T2	ACH3218-103-TD01	FILTER, 3-TERM, 27MHZ, 1.5A, SMD	FILTER_1210	TDK Corporation	ACH3218-103-TD01
139	1	U1	TPD8S009DSM	IC, 8CH ESD PROTECTION	TPD8S009	TI	TPD8S009DSMR
140	1	U2	M24C02-WMN6TP	IC, EEPROM, 2KBIT, 400KHZ	SOP8	STMicroelectronics	M24C02-WMN6TP
141	1	U3	TFP401APZP	IC, PANELBUS DVI REC	PZP 100	TI	TFP401APZP
142	6	U4, U11, U13, U15, U16, U17	SN74AVC1T45DCK	IC, BUS TRANSCVR, TRI-ST	DCK	TI	SN74AVC1T45DCKT
143	1	U5	SN74LVC1G04DBV	IC, SINGLE INVERTER-GATE	DBV	TI	SN74LVC1G04DBVT
144	1	U6	SN74AVC32T245ZKE	IC, BUS TRANSCVR, 32BIT	96LFBGA	TI	SN74AVC32T245ZKER
145	1	U7	DLPC350	IC, DLP CONTROLLER	BGA 419	TI	DLPC350
146	3	U8, U9, U42	SN74AVC8T245PW	IC, BUS TRANSCVR, 8BIT	PW	TI	SN74AVC8T245PW
147	6	U10, U14, U25, U40, U41, U43	SN74LVC2G157DCU	IC, DATA SELECTOR/MUX	DCU	TI	SN74LVC2G157DCUT
148	2	U12, U18	SN74AVC2T45DCU	IC, BUS TRANSCVR, TRI-ST, 2B	DCU	TI	SN74AVC2T45DCUT
149	2	U19, U20	M29W128GL70N6F	IC, FLASH, 128MBIT, 70NS	TSOP-56	MICRON	M29W128GL70N6F
150	2	U21, U22	TPD2E001DZD	IC, ESD-PROT ARRAY, 2CH	SOP 4	TI	TPD2E001DZDR
151	1	U23	TXS0102DCT	IC, VOLT-LVL TRANSL, 2BIT, BI	TXS0102_DCT	TI	TXS0102DCTT
152	1	U24	MAX3232CPWR	IC, DRVR/RCVR, MLTCH, RS232	SOIC16-PW TI	TI	MAX3232CPWR
153	2	U26, U30	SN74LVC1G125DBVR	IC, BUS BUFF, TRI-ST, N-INV	SOT23-DBV TI	TI	SN74LVC1G125DBVR
154	1	U27	TS3USB221ARSER	IC, USB SWITCH, DUAL	RSE	TI	TS3USB221ARSER
155	2	U28, U29	TLV62130RGT	IC, REG BUCK, SYNC ADJ, 3A	RGT	TI	TLV62130RGT
156	1	U31	TPS3838K33DBVT	IC, 2.93V NANOPWR MON	SOT23-DBV TI	TI	TPS3838K33DBVT

157	1	U32	SN74LVC1G07DBVR	IC, BUFF/DVR NON-INVERT	SOT23-DBV TI	TI	SN74LVC1G07DBVR
158	1	U33	TPS65251RHAR	IC, REG BUCK, SYNC ADJ, TRPL	QFN 40	TI	TPS65251RHAR
159	3	U34, U48, U49	TPS79718DCKT	IC, REG LDO, 1.8V, 50MA	TI DCK	TI	TPS79718DCKT
160	1	U35	TL7712ACD	IC, SUPPLY VOLT SUPERVISOR	8-SOIC	TI	TL7712ACDR
161	1	U36	SN74AHC1G09DBV	IC, GATE AND, SGL 2INP	TI DVB	TI	SN74AHC1G09DBVR
162	1	U37	SN74HC21PWR	IC, DUAL 4-IN POS-ANDGATE	14-SOIC	TI	SN74HC21PWR
163	1	U38	TPS65145PWP	IC, LCD SUPPLY, TFT, QUAD	SOIC24-PWP TI	TI	TPS65145PWPR
164	1	U39	TPS73025DBV	IC, REG LDO, 2.5V, 0.2A	TI DBV	TI	TPS73025DBVR
165	1	U44	MCP3021A5T-E/OT	IC, ADC, 10BIT, 2.7V, 1CH	SOT23-5	MICROCHIP	MCP3021A5T-E/OT
166	3	U45, U46, U47	TPS54620RGY	IC, REG BUCK, SYNC ADJ, 6A	RGY	TI	TPS54620RGYT
167	1	U50	TPS79318DBV	IC, REG LDO, 1.8V, 0.2A	TI DVB	TI	TPS79318DBVT
168	3	U51, U52, U55	SN74LVC1G17DBV	IC, BUFFER, SCHMIT TRIG	TI DBV	TI	SN74LVC1G17DBVT
169	1	X1	32.0 MHZ	CRYSTAL, 32.000000MHZ, 8PF	3_2mm_2_5mm	NDK	NX3225SA-32.000000MHZ-STD-CSR1
170	4		87439-0600	CONN HOUSING, 6POS, 1.5MM, W/RAMP		Molex	87439-0600
171	2		87439-0900	CONN HOUSING, 9POS, 1.5MM, W/RAMP		Molex	87439-0900
172	0	R56, R57, R65, R202, R204, R226, R224, R215, R213, R78, R82, R141, R19, R21, R9, R12, R17	DNI	Do Not Install on Board			
173	0	C262, C279, C271	DNI	Do Not Install on Board			

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