

Bill of Materials

2516437
DLPC3436 1080p Display Board

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	8	C1,C10,C19,C33,C503,C513,C518,C531	1000pF	CAP CER 1000PF 25V 10% X7R 0603	Samsung	CL10B102KA8NUNC		603	
2	6	C2,C8,C20,C24,C28,C527	0.1uF	CAP CER 0.1UF 50V 10% X7R 0805	AVX	0805C104KAT2A		805	
3	1	C3	680pF	CAP CER 680PF 50V 5% COG/NPO 0402	Murata	GRM1555C1H681JA01D		402	
4	1	C4	6.8pF	CAP CER 6.8PF 50V NPO 0402	Murata	GCM1555C1H6R8BA16D		402	
5	19	C5,C502,C505,C506,C507,C509,C519,C520,C521,C522,C523,C524,C526,C528,C529,C530,C532,C533,C534	0.1uF	CAP CER 0.1UF 50V 10% X5R 0402	TDK	C1005X5R1H104K0508B		402	
6	2	C6,C7	4.7uF	CAP CER 4.7UF 35V 10% X5R 0603	Murata	GRM188R6YA475KE15D		603	
7	14	C9,C21,C22,C34,C508,C512,C525,C535,C612,C613,C614,C658,C659,C661	1uF	CAP CER 1UF 25V 20% X5R 0402	TDK	C1005X5R1E105M0508C		402	
8	8	C11,C12,C573,C609,C610,C611,C662,C665	22uF	CAP CER 22UF 35V 20% X5R 0805	TDK	C2012X5R1V226M125AC		805	
9	1	C13	820pF	CAP CER 820PF 50V 10% X7R 0603	Samsung	CL10B821K88NUNC		603	
10	3	C14,C15,C17	15uF	CAP CER 15UF 35V 20% X5R 1206	TDK	C3216X5R1V156M160AC		1206	
11	1	C16	100uF	CAP ALUM 100UF 20% 35V SMD	Panasonic	EEE-FT1V101AP		sizeD_260x260mil_radial_can	
12	1	C18	0.022uF	CAP CER 0.022UF 50V 10% X7R 0603	AVX	C0603C223K5RACTU		603	
13	4	C23,C27,C664,C666	1uF	CAP CER 1UF 50V 10% X5R 0603	Samsung	CL10A105KB8NUNC		603	
14	1	C25	2.2uF	CAP CER 2.2UF 10V 10% X7R 0805	Samsung	CL21B225KPFNNNE		805	
15	2	C26,C30	2.2uF	CAP CER 2.2UF 50V 10% X5R 0805	Samsung	CL21A225KB9LNNC		805	
16	1	C29	0.22uF	CAP CER 0.22UF 50V 10% X7R 0805	Murata	GCM188R71H224KA64D		805	
17	1	C31	240pF	CAP CER 240PF 50V 5% COG/NPO 0805	Samsung	CL21C241JBANNNC		805	
18	1	C32	0.033uF	CAP CER 0.033UF 16V 10% X7R 0402	Samsung	CL05B33K05NUNC		402	
19	34	C35,C564,C566,C568,C585,C586,C588,C589,C590,C592,C593,C594,C595,C598,C599,C600,C601,C602,C621,C623,C624,C625,C627,C628,C629,C630,C631,C634,C636,C637,C638,C639,C640,C677	0.47uF	CAP CER 0.47UF 16V 10% X5R 0402	Murata	GRM155R61C474KE01D		402	
20	21	C36,C552,C581,C582,C583,C584,C591,C596,C597,C603,C618,C620,C622,C626,C632,C689	4.7uF	CAP CER 4.7UF 6.3V 20% X5R 0402	TDK	C1005X5R01475M		402	
21	56	C37,C38,C49,C51,C52,C53,C62,C64,C67,C71,C537,C546,C547,C550,C554,C558,C559,C561,C562,C563,C567,C572,C574,C575,C576,C578,C579,C580,C604,C641,C642,C643,C644,C645,C646,C648,C649,C650,C651,C652,C653,C654,C668,C669,C670,C676,C678,C680,C681,C682,C683,C684,C686,C687,C688,C691	0.1uF	CAP CER .1UF 16V X7R 0402	TDK	C1005X7R1C104K0508C		0402_AVXA	
22	6	C39,C45,C48,C57,C551,C672	10uF	CAP CER 10UF 6.3V 20% X5R 0603	TDK	C1608X5R01106M080AB		603	
23	2	C40,C44	22pF	CAP CER 22PF 50V 5% NPO 0402	Murata	GRM1555C1H220JA01D		402	
24	4	C41,C60,C61,C565	22uF	CAP CER 22UF 6.3V 20% X5R 0603	TDK	C1608X5R01226M080AC		603	
25	4	C42,C55,C56,C548	22uF	CAP CER 22UF 10V 20% X5R 0603	TDK	C1608X5R1A226M080AC		603	
26	3	C43,C605,C606	0.1uF	CAP CER .10UF 25V X5R 0402	Taiyo Yuden	TMK105B1104KV-F		402	
27	6	C46,C47,C54,C69,C569,C619	100uF	CAP CER 100UF 4V 20% X5R 0805	Murata	GRM21BR60G107ME15L		805	
28	2	C50,C59	470pF	CAP CER 470PF 50V 5% NPO 0603	TDK	C1608COG1H471J080AA		603	
29	6	C58,C570,C571,C577,C671,C679	47uF	CAP CER 47UF 10V 20% X5R 0805	TDK	C2012X5R1A476M125AC		805	
30	4	C63,C70,C72,C663	10uF	CAP CER 10UF 10V 20% X5R 0603	TDK	C1608X5R1A106M080AC		603	
31	4	C65,C615,C616,C647	1uF	CAP CER 1.0UF 10V X5R 0402	Samsung	CL05A105MP5NUNC		402	
32	1	C66	10pF	CAP CER 10PF 50V NPO 0402	TDK	C1005COG1H100D0508A		0402_AVXA	
33	1	C68	1200pF	CAP CER 1200PF 50V 5% NPO 1206	AVX	12065A122JAT2A		1206	
34	1	C73	4700pF	CAP CER 4700PF 50V 10% X7R 0402	Murata	GCM155R71H472KA37J		402	
35	2	C74,C536	22uF	CAP CER 22UF 25V 10% X5R 1210	Murata	GRM32ER61E226KE15K		1210	
36	19	C500,C501,C514,C515,C538,C539,C540,C541,C542,C543,C544,C545,C553,C555,C556,C557,C560,C587,C685	0.01uF	CAP CER 10000PF 16V X7R 10% 0402	TDK	C1005X7R1C103K		402	
37	1	C504	10uF	CAP CER 10UF 50V 10% X7S 1210	Murata	GRJ32EC71H106KE11L		1210	
38	1	C510	75pF	CAP CER 75PF 50V 5% COG/NPO 0805	Samsung	CL21C750JBANNNC		805	
39	2	C511,C517	0.022uF	CAP CER 0.022UF 50V 5% COG/NPO 0805	Murata	GCM21B5C1H223JA16L		805	
40	1	C516	1100pF	CAP CER 1100PF 50V 5% COG/NPO 0603	Murata	GRM1885C1H112JA01D		603	
41	3	C607,C655,C656	22uF	CAP CER 22UF 35V 20% X5R 1210	Taiyo Yuden	GMK325B1226MM-T		1210	
42	2	C608,C657	0.47uF	CAP CER 0.47UF 50V 10% X5R 0402	Taiyo Yuden	UMK105ABJ474KV-F		402	
43	1	C617	2.2uF	CAP CER 2.2UF 6.3V 20% X5R 0402	TDK	C1005X5R01225M		402	
44	1	C660	10uF	CAP CER 10UF 35V 20% X5R 0805	TDK	C2012X5R1V106M085AC		805	
45	1	C667	0.47uF	CAP CER 0.47UF 50V 10% X5R 0603	TDK	C1608X5R1H474K080AB		603	
46	1	C690	330uF	CAP CER 330UF 4V 20% X5R 1210	Taiyo Yuden	AMK325ABJ337MM-T		1210	
47	1	D1	blue	LED INGAN/SIC U-BLUE CLR 1206 SMD	Lumex	SML-LX1206USBC-TR		1206	
48	1	D2	B560C	DIODE SCHOTTKY 60V 5A SMC	Diodes Inc	B560C-13-F		SMC	
49	1	D3	VS-50WQ10FNTRL	DIODE SCHOTTKY 100V 5.5A DPAK	Vishay	VS-50WQ10FNTRL-M3		VS_DPAK_TO-252AA	
50	3	D4,D5,D6	ESDA18-K	TVS DIODE 15VWM 34VC SOD523	STMicroelectronics	ESDA18-1K		SOD523	
51	3	D7,D8,D9	green	LED 565NM WTR CLR GREEN 1206 SMD	Lumex	SML-LX1206GC-TR		1206	
52	1	D10	MBR0540	SCHOTTKY RECT 40V 0.5A SOD123	Fairchild Semiconductor	MBR0540		SOD123	
53	1	FB1	35F0121-1SR-10	FERRITE BEAD 82 OHM 10A 25MD 1LN	Laird	35F0121-1SR-10		Laird_35F0121-1S	
54	1	FB2	BLM18SG121TN1D	FERRITE BEAD 120 OHM 0603	Murata	BLM18SG121TN1D		603	
55	2	FB500,FB501	BLM15PD800SN1D	FERRITE CHIP 80 OHM 1500MA 0402	Murata	BLM15PD800SN1D		BLM15P	

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56	0	J1	5034801800	CONN FFC FPC 18POS 0.50MM R/A	Molex	5034801800		Molex_5034801800_2GPADS	
57	2	J2,J9	B2B-EH	CONN HEADER EH TOP 2POS 2.5MM	JST	B2B-EH-ALF(SN)		JST_B2B_EH_A	
58	0	J3,J4,J6,J7	M20-9990345	CONN HEADER 3POS 100" SGL GOLD	Harwin	M20-9990345		TSW-103-07-G-S	
59	1	J5	5034801200	CONN FFC FPC 12POS 0.50MM R/A	Molex	5034801200		Molex_5034801200_2GPADS	
60	3	J8,J10,J11	087438-0643	CONN HEADER 6POS 1.5MM R/A SMD	Molex	874380643		Molex_0874380643	
61	1	J12	FH28E-40S-0.55H(05)	CONN FPC 40POS 0.5MM SMD GOLD	Hirose	FH28E-40S-0.55H(05)		Hirose_FH28E-40S-055SH	
62	1	J13	QTH-030-02-L-D-A	CONN HEADER HS .5MM 60POS DL AU (stacking ht 8mm)	Samtec	QTH-030-02-L-D-A		Samtec_QTH-030-xx-x-D-A	
63	1	J500	QTH-030-03-L-D-A	CONN HEADER HS .5MM 60POS DL AU (stacking ht 11mm)	Samtec	QTH-030-03-L-D-A		Samtec_QTH-030-xx-x-D-A	
64	1	L1	5.6uH	FIXED IND 5.6UH 4.25A 63 MOHM SMD	Bourns	SRP5030T-5R6M		Bourns_SRP5030T	
65	1	L2	5.6uH	INDUCTOR 5.6UH 7.3A 32.32MOHM 20% SMD	Coilcraft	XAL7030-562MEB		Coilcraft_XAL7030	
66	2	L3,L4	2.2uH	INDUCTOR 2.2UH 20% 1300MA 1008	Murata	LQM2HPN2R2MGOL		1008_2p5mmx2mm	
67	3	L5,L6,L7	3.3uH	FIXED IND 3.3UH 4.1A 57.8 MOHM	Vishay/Dale	IHL2020BZER3R3M11		IHL2020BZER	
68	1	L8	2.7uH	INDUCTOR 2.7uH 9.2A 20% SMD	Coilcraft	XAL7030-272MEB		Coilcraft_XAL7030	
69	1	L9	2.2uH	INDUCTOR 2.2UH 20% 3.1A	Coilcraft	XFL4020-222MEB		Coilcraft_XFL4020	
70	1	L10	10uH	INDUCTOR 10UH 20% 0.9A SMD	Coilcraft	LPS4018-103MRB		Coilcraft_LPS4018_MR	
71	1	Q1	NDT456P	MOSFET P-CH 30V 7.5A SOT-223-4	ON Semi	NDT456P		SOT223_NDT456P	
72	1	Q2	RK7002BM	MOSFET N-CH 60V 250MA SOT23-3	Rohm	RK7002BMT116		SOT23-3_BSS138L	
73	1	Q3	CSD18543Q3A	MOSFET N-CH 60V 35A 85ON	Texas Instruments	CSD18543Q3A		NexFET_85ON_3X3MM	
74	1	RT1	100k	THERMISTOR 100K OHM NTC 0402 SMD	Murata	NCP15WF104F03RC		402	
75	4	R1,R18,R22,R38	1k	RES 1K OHM 5% 1/10W 0603 SMD	Panasonic	ERJ-3GEY102V		603	
76	4	R2,R19,R23,R27	9.88k	RES 9.88K OHM 0.1% 1/5W 0805 SMD	Vishay Dale	TNPW08059K88BEEEN		805	
77	8	R3,R13,R14,R15,R20,R26,R28,R33	10k	RES 10K OHM 1% 1/10W 0603 SMD	Panasonic	ERJ-3EK1002V		603	
78	4	R4,R21,R30,R32	33k	RES 33.0K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF3302X		402	
79	0	R5,R11,R29,R31,R36,R39,R74,R509,R525,R572	0	RES 0.0 OHM 1/16W 0402 SMD	Panasonic	ERJ-2GE0R00X		402	
80	1	R6	665	RES 665 OHM 1% 1/8W 0805 SMD	Panasonic	ERJ-6ENF6650V		805	
81	1	R7	147k	RES 147K OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF1473X		402	
82	1	R8	10.5k	RES SMD 10.5K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF1052X		402	
83	1	R9	56.2k	RES 56.2K OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF5622X		402	
84	1	R10	93.1k	RES SMD 93.1K OHM 1% 1/16W 0402	Vishay/Dale	CRCW040293K1FKED		402	
85	0	R12	0	RES 0.0 OHM 5A JUMP 1210 SMD	Vishay	CRCW1210000020EA		1210	
86	7	R16,R568,R592,R597,R600,R605,R620	1k	RES 1.00K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF1001X		402	
87	0	R17,R510,R526,R598	1k	RES 1.00K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF1001X		402	
88	1	R24	3	RES 3 OHM 5% 1/4W 0603 SMD	Panasonic	ERJ-PA3J3ROV		603	
89	1	R25	1.65k	RES 1.65K OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF1651X		402	
90	1	R34	0.011	RES 0.011 OHM 1% 1W 1206 SMD	Panasonic	ERJ-8CWF011V		1206	
91	1	R35	223k	RES 223K OHM 0.1% 1/8W 0805 SMD	Yageo	RT0805BRD07223KL		805	
92	3	R37,R517,R518	30.0k	RES 30.0K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF3002X		402	
93	6	R40,R42,R43,R75,R77,R628	240	RES SMD 240 OHM 1% 1/10W 0402	Panasonic	ERJ-2RF2400X		402	
94	17	R41,R91,R95,R100,R507,R536,R538,R540,R542,R570,R571,R586,R602,R616,R617,R619,R621	10k	RES SMD 10K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF1002X		402	
95	45	R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R72,R73,R544,R545,R546,R547,R548,R549,R550,R551,R552,R553,R554,R555,R556,R557,R558,R559,R560,R561,R562,R563,R564,R565,R566	20	RES SMD 20 OHM 1% 1/20W 0201	Yageo	RC0201FR-0720RL		0201_R	
96	9	R64,R71,R541,R543,R581,R582,R584,R585,R587	4.7k	RES 4.7K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF4701X		402	
97	1	R65	226k	RES SMD 226K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF2263X		402	
98	2	R66,R69	180k	RES SMD 180K OHM 1% 1/16W 0402	Yageo	RC0402FR-07180KL		402	
99	7	R67,R68,R76,R516,R569,R593,R609	0	RES 0.0 OHM 1/16W 0402 SMD	Panasonic	ERJ-2GE0R00X		402	
100	1	R70	360k	RES SMD 360K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF3603X		402	
101	10	R78,R81,R82,R83,R86,R87,R88,R89,R90,R576	30.1	RES 30.1 OHM 1/16W 1% 0402 SMD	Panasonic	ERJ-2RF30R1X		402	
102	1	R79	300	RES 300 OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF3000X		402	
103	2	R80,R94	10	RES 10 OHM 1/4W 1% 0603 SMD	Rohm	ESR03EZPF10R0		603	
104	2	R84,R85	43	RES 43 OHM 1/20W 5% 0201 SMD	Panasonic	ERJ-1GNJ430C		201	
105	2	R92,R93	2k	RES SMD 2K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF2001X		402	
106	1	R96	3.9	RES 3.9 OHM 1/2W 5% 1210 SMD	Rohm	ESR25ZP3R9		1210	
107	16	R97,R98,R99,R103,R610,R611,R612,R613,R614,R615,R622,R623,R624,R625,R626,R627	100	RES 100 OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF1000X		402	
108	1	R101	3.09k	RES SMD 3.09K OHM 1% 1/10W 0402	Panasonic	ERJ-2RF3091X		402	
109	1	R102	0.025	RES SMD 0.025 OHM 1% 1W 2010	Stackpole Electronics	CSRN2010FK2510		2010	
110	4	R500,R513,R523,R528	76.8k	RES SMD 76.8K OHM 1% 1/10W 0603	Panasonic	ERJ-3EK7682V		603	
111	4	R503,R514,R521,R530	100	RES 100 OHM 5% 1/10W 0603 SMD	Panasonic	ERJ-3GEY101V		603	
112	4	R505,R511,R515,R532	0.91	RES 0.91 OHM 1% 1/2W 0805 SMD	Panasonic	ERJ-6DOFR91V		805	
113	1	R519	19.6k	RES 19.6K OHM 1% 1/8W 0805 SMD	Panasonic	ERJ-6ENF1962V		805	
114	1	R520	14.7k	RES 14.7K OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF1472X		402	
115	3	R534,R567,R594	80.6	RES 80.6 OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF80R6X		402	
116	0	R535,R537	80.6	RES 80.6 OHM 1% 1/10W 0402 SMD	Panasonic	ERJ-2RF80R6X		402	
117	10	R539,R573,R574,R577,R578,R579,R599,R606,R607,R608	100k	RES 100K OHM 1/10W 1% 0402 SMD	Vishay/Dale	CRCW0402100KFKED		402	
118	1	R575	5.1k	RES 5.10K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF5101X		402	
119	0	R583	4.7k	RES 4.7K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF4701X		402	
120	2	R601,R618	7.87k	RES 7.87K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RF7871X		402	
121	7	TPGND1,TPGND2,TPGND3,TPGND4,TPGND5,TPGND6,TPGND7	TP_BLK	TEST POINT PC MINI .040inD BLACK	Keystone	S001		KEYSTONE_TP_MINIATURE	
122	0	TP27,TP30,TP31,TP34,TP35,TP36,TP37	TP_WHT	TEST POINT PC MINI .040inD WHITE	Keystone	S002		KEYSTONE_TP_MINIATURE	
123	4	U1,U7,U8,U16	TCA0372DW	IC OPAMP GP 1.4MHZ 16SOIC	ON Semiconductor	TCA0372DWG		ONSEMI_S0C16W_DW_CASE751G	
124	8	U2,U3,U6,U9,U10,U11,U12,U17	DAC081S101	CONV D/A 8BIT MICRO PWR TSOT23-6	Texas Instruments	DAC081S101CIMK/NOPB		SOT-23-6_DDC_R-PD50-G6	
125	1	U4	TP554340	IC REG BUCK ADJ 3.5A 85OPWRPAD	Texas Instruments	TP554340DDAR		HSOIC8_DDA_R-PD50-G8	
126	3	U5,U15,U27	SN74AUP1T17DCK	IC BUFFER SCHMITT TRIG LP SC70-5	Texas Instruments	SN74AUP1T17DCKR		U_5_DCK	

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127	1	U13	LP2980-3.3	IC REG LINEAR 3.3V 50MA SOT23-5	Texas Instruments	LP2980IM5-3.3/NOPBCT-ND		SOT23-5_DBV	
128	1	U14	LM25088	IC REG CTRLR BUCK 16TSSOP	Texas Instruments	LM25088MHX-2/NOPB		HTSSOP16_PWP	
129	1	U18	SN74AVC16T245	IC BUS TRANSCVR 16BIT DL 48TSSOP	Texas Instruments	SN74AVC16T245DGGR		SOIC48-DGG_TI	
130	1	U19	SN74AVC4T774PWR	IC BUS TRANSCVR 4BIT DL 16TSSOP	Texas Instruments	SN74AVC4T774PWR		TSSOP16_PW	
131	1	U20	MT41K64M16TW-107	IC DDR3 SDRAM 1Gb (64MX16) 96FBGA	Micron	MT41K64M16TW-107-J		Micron_96-ball_FBGA-x16_TW	
132	1	U21	TPS62240DDC	IC REG BUCK ADJ 0.3A SYNC TSOT23	Texas Instruments	TPS62240DDCR		TSOT-23_DDC_R-PDSO-G5	
133	1	U22	SN74AUP1G07DCK	IC BUFF/DVR LOW PWR N-INV SC705, open drain	Texas Instruments	SN74AUP1G07DCKR		U_5_DCK	
134	1	U23	SN74AUP1G125DCK	IC BUS BUFFER TRI-ST SC70-5	Texas Instruments	SN74AUP1G125DCKR		U_5_DCK	
135	3	U24,U34,U39	TPS22929DDBVT	IC LOAD SWITCH SOT23-6	Texas Instruments	TPS22929DDBVT		SOT23-6_DBV_R-PDSO-G6	
136	1	U25	TPS62260DDC	IC REG BUCK ADJ 0.6A SYNC TSOT23	Texas Instruments	TPS62260DDCR		TSOT-23_DDC_R-PDSO-G5	
137	1	U26	XC7Z020-1CLG484I4493	XC7Z020-1CLG484I4493	Xilinx	XC7Z020-1CLG484I4493		Xilinx_CLG484	
138	1	U28	48MHz	OSC MEMS 48.000MHZ CMOS SMD	Abracon	ASDMB-48.000MHZ-LY-T		ECS-2018_2p5mmx2mm	
139	1	U29	TPS3125J18DBV	IC 1.62V SUPPLY MONITOR SOT23-5	Texas Instruments	TPS3125J18DBV		DBV_R-PDSO-G5	
140	1	U30	MX25U3235FM2I-10G	IC FLASH 32M SPI 104MHZ 8SOIC	Macronix	MX25U3235FM2I-10G		SOIC-8_208mil	
141	1	U31	SN74AHC1G09DBVR	IC GATE AND SGL 2INP	Texas Instruments	SN74AHC1G09DBVR		SC70_DBV_R-PDSO-G5	
142	1	U32	SN74AUP1G08DBV	IC GATE AND 1CH 2-INP SOT-23-5	Texas Instruments	SN74AUP1G08DBVR		SC70_DBV_R-PDSO-G5	
143	1	U33	W25Q32JVSSIQ	IC FLASH 32M SPI 133MHZ 8SOIC	Winbond	W25Q32JVSSIQ		SOIC-8_208mil	
144	1	U35	DLPC3436	DLP PICO CONTROLLER DLPC3436 176NFBGA	Texas Instruments	DLPC3436CZVBR		DLPC3436_176NFBGA	
145	3	U36,U37,U38	SN74AUP1G06DCK	IC INVERTER SINGLE 1INP SC705, open drain	Texas Instruments	SN74AUP1G06DCKR		U_5_DCK	
146	1	U40	DLPA3000	DLP PMIC, LED Driver IC	Texas Instruments	DLPA3000PPFD		PAD3000_PQFP_100	
147	1	U41	24MHz	OSC MEMS 24.000MHZ CMOS SMD 1.8V-3.3V	Abracon	ASDMB-24.000MHZ-LC-T		ECS-2018_2p5mmx2mm	
148	1	U42	TPS562209DDCT	IC REG BUCK ADJ 2A SYNC SOT-23-6	Texas Instruments	TPS562209DDCT		SOT-23_DDC_R-PDSO-G6	

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