LED_Audio_DevPack

ltem Number	Part Reference	Quantity Value	Description	MPN
	1 C3	1 1uF	CAPACITORS, CERAMIC, 1uF, 15%, X5R, 10V, 0603, SMD	GRM188R61A105KA61D
	2 C42	1 4.7uF	CAPACITOR, CERAMIC X5R, 4.7uF, 6.3V, -10%/+10%, -55DEGC/+85DEGC, 0603, SMD	GRM188R60J475KE19D
	3 C392	1 22pF	CAPACITOR, CERAMIC COG/NP0, 22pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD	GRM1555C1H220JA01D
	4 C393	1 10uF	CAPACITOR, CERAMIC X5R, 10uF, 6.3V, -20%/+20%, -55DEGC/+85DEGC, 0603, SMD	GRM188R60J106ME47D
	5 C395 C396	2 22uF	CAPACITOR, CERAMIC X5R, 22uF, 4V, -20%/+20%, -55DEGC/+85DEGC, 0603, SMD	GRM188R60G226MEA0D
	6 C397 C398	2 10uF	CAPACITOR, CERAMIC X5R, 10uF, 6.3V, -20%/+20%, -55DEGC/+85DEGC, 0402, SMD	C1005X5R0J106M050BC
	7 C399 C400	2 22nF	CAPACITOR, CERAMIC X7R, 22nF, 50V, -10%/+10%, -55DEGC/+125DEGC, 0402, SMD	C0402C223K5RACTU
	8 C401	1 10nF	CAPACITOR, CERAMIC X7R, 10nF, 50V, -10%/+10%, -55DEGC/+125DEGC, 0603, SMD	06035C103KAT2A
	9 C402	1 2.2uF	CAPACITOR, CERAMIC X5R, 2.2uF, 10V, -10%/+10%, -55DEGC/+85DEGC, 0603, SMD	GRM188R61A225KE34D
	10 C403	1 47uF	CAPACITOR, CERAMIC, X5R, 47uF, 6.3V, -20%/+20%, -55DEGC/+85DEGC, 0805, SMD	CL21A476MQ9LRNC
	11 CR1	1 LA CP7P	OPTO, LED, 2.6V, 0.35A, SMD	LA CP7P
	12 CR2	1 LD CP7P	OPTO, LED, 3.7V, 0.35A, SMD	LD CP7P
	13 CR3	1 LT CP7P	OPTO, LED, 3.5V, 0.35A, SMD	LT CP7P
	14 CR4	1 LUW CP7P	OPTO, LED, 3.75V, 0.35A, SMD	LUW CP7P
	15 FIDU1 FIDU2 FIDU3 FIDU4 FIDU5 FIDU6	6 FIDU_1.27mm	FIDUCIAL MARK, ROUND 1.27MM	
	16 J2	1 LSS-110-01-F-DV-A-TR	CONNECTOR, HEADER, HI-SPEED SOCKET, FEMALE, STRAIGHT, 2 ROWS, 20 PINS, PITCH 0.635mm, SMD	LSS-110-01-F-DV-A-TR
	17 J4	1 47491-0001	CONNECTOR, MICRO-USB, 1 ROW, 5 PINS, PITCH 0.65mm, SMD	47491-0001
	18 L262	1 2.2uH	INDUCTOR, CHIP, 2.2uH, -20%/+20%, 1A, -55DEGC/+125DEGC, 1008, SMD	LQM2HPN2R2MJ0L
	19 LBL1	1 HOT_SURFACE_LABEL	LABEL, HOT SURFACE LABEL	
	20 LBL2	1 WARNING LASER BEAM	NON COMPONENT, LABEL, WARNING LASER BEAM	
	21 M1	1 F12237_OSLO-CLUSTER-W	MECHANIC, LENS ARRAY, NOT APPLY	F12237_OSLO-CLUSTER-W
	22 Q1 Q2 Q3 Q4	4 BC817-16	TRANSISTOR, BIPOLAR NPN, 45V, 0.5A, 0.25W, SOT23-3, SMD	BC817-16,215
	23 R1	1 560	RESISTOR, THICK FILM, 560, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW0402560RFKED
	24 R2 R3 R4	3 1k	RESISTOR, THICK FILM, 1k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW04021K00FKED
	25 R5	1 DNM	RESISTOR, DO NOT MOUNT, 0402, SMD	
	26 R45	1 820k	RESISTOR, THICK FILM, 820k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	RESISTOR_0402_820k_+/-1%_50V_0.063W_M
	27 R46	1 160k	RESISTOR, THICK FILM, 160k, -1%/+1%, 0.063W, 50V, -55DEGC/+125DEGC, 0402, SMD	CRCW0402160kFKED
	28 R64	1 2.7	RESISTOR, THICK FILM, 2R7, 0.25W, 200V, -/+1%, -/+100ppm/deg, -55/+125degC, 1206, SMD	CRCW12062R70FNEA
	29 R65 R66 R67	3 1.00	RESISTOR, THICK FILM, 1R00, 0.25W, 200V, -/+1%, -/+200ppm/deg, -55/+125degC, 1206, SMD	CRCW12061R00FNEB
	30 R68	1 DNM	RESISTOR, DO NOT MOUNT, 0402, SMD	DNM
	31 R70	1 2.2k	RESISTOR, THICK FILM, 2.2k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW04022K20FKED
	32 R71 R72 R73	3 1.2k	RESISTOR, THICK FILM, 1.2k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW04021K20FKED
	33 R74 R75	2 1.5k	RESISTOR, THICK FILM, 1.5k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	RK73H1ETTP1501F
	34 R79 R80	2 2.7k	RESISTOR, THICK FILM, 2.7k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW04022K70FKED
	35 R81	1 10k	RESISTOR, THICK FILM, 10k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW040210K0FKED
	36 R82 R83 R85	3 0	RESISTOR, THICK FILM, 0, 0/+0.008R, 0.25W, 75V, -55DEGC/+155DEGC, 0603, SMD	CRCW06030000Z0EAHP
	37 R84	1 300k	RESISTOR, THICK FILM, 300k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	CRCW0402300KFKED
	38 TP1 TP2 TP3 TP4 TP5	5 TP_2MMX2MM_SMD	NON COMPONENT, TESTPOINT, 2MM X 2MM, SMD	
	39 TP12 TP13	2 TP_1.0mm_SMD	TESTPOINT 40mil/1mm SMD	
	40 TP19 TP20 TP21 TP22	 4 TP_40_PTH	NON COMPONENT, TESTPOINT 1.0MM HOLE, PTH	
	41 U4	1 TPS62260	IC, ANALOG, STEPDOWN CONVERTER, VIN:2V TO 6V, VOUT: ADJ, SON6, SMD	TPS62260DRVT
	42 U8	1 TAS2505	IC, DIGITAL AUDIO VIDEO, 1.5 V TO 1.95 V, QFN24, SMD	TAS2505IRGET
	43 U9	1 TPS79933	IC, ANALOG, LOW DROPOUT LINEAR REGULATOR, VIN:2.7V TO 6.5V, VOUT:3.3V, DSBGA5, SMD	TPS79933YZUR

	Manufacturer	Part Number
	MURATA	02-01389
	MURATA	02-02418
	MURATA	02-04373
	MURATA	02-02419
	MURATA	02-04481
	TDK	02-05030
	KEMET	02-05031
	AVX	02-01889
	MURATA	02-02405
	SAMSUNG ELECTRO-MECHANICS	02-06067
	OSRAM OPTO SEMICONDUCTORS	15-01107
	OSRAM OPTO SEMICONDUCTORS	15-01110
	OSRAM OPTO SEMICONDUCTORS	15-01109
	OSRAM OPTO SEMICONDUCTORS	15-01108
		19-00300
	SAMTEC	06-03032
	MOLEX	06-03288
	MURATA	03-06572
		19-00364
		19-00413
	LEDIL	13-01025
	NXP	16-01211
	VISHAY	01-00254
	VISHAY	01-02075
		01-02475
V_M_+/-100PPM	Manufacturer selection	01-12941
	VISHAY	01-04875
	VISHAY	01-06888
	VISHAY	01-03445
	DO NOT MOUNT	01-02472
	VISHAY	01-00239
	VISHAY	01-00128
	KOA SPEER	01-16854
	VISHAY	01-00241
	VISHAY	01-00314
	VISHAY	01-16898
	VISHAY	01-00246
		19-00238
		19-00113
		19-00158
	TEXAS INSTRUMENTS	18-27835
	TEXAS INSTRUMENTS	18-28982
	TEXAS INSTRUMENTS	18-29026

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