

TID #: TIDA-080006\_DMD

Bill of Material

Item	Quantity	DNI	Reference	Manuf Part Number	Manufacturer
			C2,C7,C18,C20,C21,C22,C23,C2		
1	13		4,C25,C26,C29,C34,C502	CGA3E2X7R1E104K080AA	TDK
2	1		C3	CGA2B2C0G1H090D	TDK
3	1		C4	GCM155R71H222KA37D	MURATA
4	6		C6,C13,C31,C32,C33,C505	GCM155R71C104KA55D	Murata
5	3		C8,C30,C504	GCM188R70J225KE22D	Murata
6	5		C11,C12,C14,C17,C27	CGA3E1X7R1E224K	TDK
7	4		C15,C19,C28,C503	CGA3E1X7R1E105K	TDK
8	2		C16,C501	GCM32ER71C226KE19L	Murata
9	1		C500	CGA2B2C0G1H101J050BA	TDK
10	2		DN1,DN2	BAT54SFILMY	STMicroelectronics
11	1		D1	SS3P3-M3/84A	Vishay
12	1		D2	MM5Z3V3T1G	ON Semiconductor
13	1		D500	MM3Z9V1ST1G	ON Semiconductor
14	1		J1	046288050000846+	AVX Corp/Kyocera Corp
15	1		L500	MSS6132-472MLB	Coilcraft
16	4		Q2,Q4,Q5,Q6	NTA4153NT1G	On Semiconductors
17	1		Q3	BSS84AKW,115	Nexperia
18	1		R1	ERJ-2RKF3603X	Panasonic
19	3		R2,R4,R508	ERJ-2RKF5602X	Panasonic
20	1		R3	ERJ-2RKF1502X	Panasonic
21	1		R5	ERJ-2RKF4643X	Panasonic
22	1		R6	ERJ-3GEYJ472V	Panasonic
23	3		R7,R8,R10	ERJ-6GEYJ120V	Panasonic
24	1		R9	ERJ-3GEYJ222V	Panasonic
25	2		R500,R504	ERJ-2GEJ560X	Panasonic
26	3		R501,R503,R507	ERJ-3GEYJ103V	Panasonic
27	2		R505,R506	ERJ-2GEJ330X	Panasonic
28	1		R509	ERJ-2RKF6813X	Panasonic
29	2	DNI	TP3,TP4	Not a Part	Not a Part
30	1		U500	TMP411AQDGKRQ1	Texas Instruments
31	1		U501	TPS65100QPWPRQ1	Texas Instruments
32	1		U502	9735-002	Amphenol
33	1		Z_PCB1	DLP021	Any

Texas Instruments

Description	Value	Notes
CAP 0.1UF 25V CERAMIC X7R 0603	0.1UF	
CAP CER 9.0PF 50V COG AUTO 0402	9pF	
CAP CER 2200PF 50V X7R 0402	2200pF	
CAP CER .1UF 16V X7R 0402	0.1uF	
CAP CER 2.2UF 6.3V X7R 10% 0603	2.2 uF	
CAP CER .22UF 25V X7R AUTO 0603	0.22uF	
CAP CER 1.0UF 25V X7R AUTO 0603	1uF	
CAP CER 22UF 16V X7R 10% 1210	22uF	
CAP CER 100PF 50V 5% COG 0402	100pF	
DIODE SCHOTTKY 40V 300MA SOT23	BAT54SFILMY	
DIODE SCHOTTKY 3A 30V SMP	SS3P3-M3/84A	
DIODE ZENER 3.3V 200MW SOD523	MM5Z3V3T1G	
DIODE ZENER 9.1V 200MW SOD-323F	MM3Z9V1ST1G	
CONN FFC/FPC 50POS .5MM R/A SMD	046288050000846+	
INDUCTOR POWER SHIELD 4.7UH SMD	4.7uH	
MOSFET N-CH 20V 915MA SC-75	NTA4153NT1G	
MOSFET P-CH 50V 150MA SOT-323	BSS84AKW,115	
RES 360K OHM 1/10W 1% 0402 SMD	360K	
RES 56.0K OHM 1/10W 1% 0402 SMD	56K	
RES 15.0K OHM 1/10W 1% 0402 SMD	15K	
RES 464K OHM 1/10W 1% 0402 SMD	464K	
RES 4.7K OHM 1/10W 5% 0603 SMD	4.7K	
RES 12 OHM 1/8W 5% 0805 SMD		12
RES 2.2K OHM 1/10W 5% 0603 SMD	2.2K	
RES 56 OHM 1/10W 5% 0402 SMD		56
RES 10K OHM 1/10W 5% 0603 SMD	10K	
RES 33 OHM 1/10W 5% 0402 SMD		33
RES 681K OHM 1/10W 1% 0402 SMD	681K	
Not a part	Testpoint	
C LOC/REM TEMP SENSOR 8VSSO	TMP411AQDGKRQ1	
IC LCD SUPPLY TFT QUAD 24-HTSSOP	TPS65100	
SOCKET, DMD S450	WLPH DMD	
PCB, Automotive DLP 0.3 S450 DMD	PCB	