

Component List

Source Data: ALI3-Sharp7.PrjPCB

Project: ALI3-Sharp7.PrjPCB

Variant: None

Revision: Rev 1

Report Date: 3/15/2013

9:07:38 PM

Print Date: 7/11/2013

5:47:50 PM



#	Quantity	Designator	Comment	Description	Footprint	MFG#1/Part#	DNP
1	5	C1, C2, C13, C14, C16	100nF	Cernamic-Cap	0603C	AVX: 06035C104KAT2A	
2	1	C3	10nF	Cernamic-Cap	0603C	AVX: 06035C103KAT2A	
3	3	R8, R9, R10	0R	Resistor	0603R	Vishay: CRCW06030000Z0EA	
4	2	R1, R3	10K 1%	Resistor	0603R	Vishay: CRCW060310K0FKEA	
5	2	R5, R6	1K	Resistor	0603R	Vishay: CRCW06031K00JNEA	
6	1	R2	30K9 1%	Resistor	0603R	Vishay: CRCW060330K9FKEA	
7	1	R7	49K9 1%	Resistor	0603R	Vishay: CRCW060349K9FKEA	
8	3	R11, R12, R13	4K7	Resistor	0603R	Vishay: CRCW06034K70JNEA	
9	1	R4	51R	Resistor	0603R	Vishay: CRCW060351R0JNEA	
10	2	C6, C7	10uF	Cernamic-Cap 6.3V	0805C	AVX:08056C106KAT2A	
11	3	C10, C11, C12	1uF	Cernamic-Cap 25V	0805C	AVX:08053C105KAT2A	
12	2	C8, C9	2u2F	Cernamic-Cap 25V	0805C	AVX:08053D225KAT2A	
13	2	C4, C5	10uF	Cernamic-Cap 25V	1210C	AVX:12103C106MAT2A	
14	1	CON2	DisplayPortSink	Display Port Sink	DP-TE-2013655-1	TE: 2013655-1	
15	1	CON1	FI-XB30SRL-HF11	LVDS Connector, 1mm Pitch, 32P, Bottom Contact	FI-XB30SRL-HF11	JAE: FI-XB30SRL-HF11	
16	1	L2	10uH 1.3A	Power Inductor	L_6.5X6.5	Bourns: SRR0604-100ML	
17	1	L1	6.8uH 1.2A	Power Inductor	L_6.5X6.5	Bourns: SRR0603-6R8ML	
18	1	CON4	MONO JACK	DC JACK	MONO-DC-SMT	CUI: PJ-002BH-SMT	
19	1	U1	TPS61181	WLED Driver	QFN-16	TI: TPS61181RTER	
20	1	D3	1A 60V	Schottky Diodes	SMA	OnSemi: MBRA160T3G	
21	3	D1, D2, D4	2A 30V	Schottky Diodes	SOD-123	OnSemi: MBR230LSFT1G	
22	1	C15	47uF 25V	TAN-Cap 25V	TAN-D	AVX: TAJB476K025RNJ	
23	1	CON3	0-1734592-8	8P FPC Connector 0.5mm Bottom Contact SMD	TE-0-1734592-8	TE: 0-1734592-8	
24	1	REG1	LMR12010X	DC-DC Step Down 20V 1A	TSOT-6	NS: LMR12010XMK	
25	4	M1, M2, M3, M4	MTG	Mounting Hole	MTG_3.2mm-9		DNP
26	1	J2	SIP-4	4P 2.54mm Header	SIP-4	TE: 5-146280-4	DNP
27	1	J1	SIP-6	6P 2.54mm Header	SIP-6	TE: 5-146280-6	DNP

Approved by