

Qty	Part	Value	Package	Digikey PN	Manufacturer PN	Description
3	C1,C4,C5	0.1uF	0805	478-12799-1-ND	0805ZD104KAT2A	Ceramic Capacitor - Decoupling
1	C2	10uF	0805	1276-6456-1-ND	CL21A106KPFNNNG	Ceramic Capacitor - FAN5333BSX Cin
1	C3	1uF	0805	1276-2395-1-ND	CL21A105KACLNNC	Ceramic Capacitor - FAN5333BSX Cout
1	D1	MM3Z18VT1G	SOD-323	MM3Z18VT1GOSCT-ND	MM3Z18VT1G	18V Zener Diode
1	D2	MBR0540	SOD-123	MBR0540CT-ND	MBR0540	Diode
1	J5		54132-4097	WM3431CT-ND	54104-4031	LCD FPC Connector
1	J6		52271-0679	WM7955CT-ND	52271-0679	Touch controller FPC Connector
2	JP1, JP2	PINHD-1X2	1x2 .1" PTH	A121364-ND	4-103328-1	Jumper
1	L1	10 uH	IND_744314101_WRE	732-2180-1-ND	744314101	FAN5333BSX Inductor
1	R1	5.6 ohm	0805	311-5.60CRCT-ND	RC0805FR-075R6L	Backlight current set resistor
1	U1	RMLV0416EGSB-4S2HA1	44-TSOP-2	RMLV0416EGSB-4S2	RMLV0416EGSB-4S2#HA1	SRAM
2	U2.J1, U2.J2		MORPH-IC-II	S5729-ND	NPPC202KFMS-RC	MORPH-IC-II J1/J2 (40-pin)
2	U2.J3, U2.J4			S5721-ND	NPPC122KFMS-RC	MORPH-IC-II J3/J4 (24-pin)
1	U3	FAN5333BSX	SOT23-5	FAN5333BSXCT-ND	FAN5333BSX	FAN5331 - LED/OLED 20V Boost Converter
1				NHD-5.0-800480TF-ATXL#-CTP-ND	NHD-5.0-800480TF-ATXL-CTP	LCD panel
ECN #		1	J5 footprint (strain relief pads)			
ECN #		2	D1 footprint			
ECN #		3	Ground J5/J6 strain relief pads			
ECN #		4	Noisy inductor			
ECN #		5	J5/J6 relative positions			
ECN #		6	LCDCLK use dedicated PLL output			