

Parts List				
Qty	Ref	Description	Package	Digi-Key Part No.
1	C1	10uF capacitor	0603	
1	C2	100uF capacitor	1206	1276-1782-1-ND
3	C3, C6, C15	1uF capacitor	0603	
7	C4, C5, C10, C11, C12, C13, C14	0.1uF capacitor	0603	
1	C7	4.7nF capacitor	0603	
2	C8, C9	10pF capacitor	0603	
1	D1	MBR120VLSFT or MBR120LSFT diode	SOD123F	
1	J1	USB micro B connector		609-4616-1-ND
4	J2, J3, J4, J5	DE-9F connector		L77SDEH09SOL2RM8-ND
4	J6, J7, J8, J9	14-pin 50-mil header		2057-HPH2-A-14-UA-ND
4	J6, J7, J8, J9	optional socket		609-3756-ND
1	J10	4-pin 100-mil header	right angle	1849-PR20204HBNN-ND
1	J11	USB-A connector		ED2989-ND
1	J12	8-pin 100-mil socket		S7107-ND
1	J13	10-pin 50-mil header		1175-1627-ND
1	J14	40-pin 100-mil socket		S7123-ND
1	R1	33k resistor	0603	
1	R2	11k resistor	0603	
1	R3	1M resistor	0603	
1	R4	1k resistor	0603	
1	SW1	toggle switch		EG2362-ND
2	U1, U4	74LCX14 logic IC	TSSOP14	MC74LCX14DTR2GOSCT-ND
1	U2	MIC5504-3.3 voltage reg.	SOT23-5	576-4764-1-ND
1	U3	SAMD21J17D MCU	TQFP64	ATSAMD21J17D-AU-ND
1	X1	32.768kHz crystal	3.2x1.5mm SMD	2195-CM7V-T1A-32.768KHZ-7PF-10PPM-TA-QCCT-ND
4		4-40 x 3/4" hex standoff		1772-1003-ND
3		4-40 x 1/4" hex standoff		1772-1230-ND
1		4-40 x 7/16" hex standoff		1772-1001-ND
11		4-40 x 1/4" screw		
2		4-40 nylon insert lock nut		
From BuyDisplay.com				
1	ER-TFTM101-1 LCD w/options: pin header 6800 parallel; 5V; resistive touch; pin header microSD			
1	Winbond W25Q128JV serial flash (install on LCD at U4)			