



Item	Qty	Reference	Value	EREGRINE PART NUMBE	Part Description	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Data Sheet	Notes
1	1	C12	0.1µF		Capacitor, Ceramic, 0.1uf, 50V, Y5V, 0603	MURATA	GRM188F51H104ZA01D	DIGIKEY	490-1568-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
2	3	C3 C6 C10	10NF		Capacitor, Ceramic, 10nF, 50V, X7R, ±10%, 0603	MURATA	GRM188R71H103KA01D	Digi-Key	490-1512-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
3	1	C7	10µF		Capacitor, Ceramic, 10UF, 10V, X5R, 0603	Taiyo Yuden	LMK107BJ106MALTD	DigiKey	587-2562-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
4	2	C5 C9	1µF		Capacitor, Ceramic, 1µF, 16V, X5R, 10%, 0603	AVX Corporation	0603YD105KAT2A	DigiKey	478-1249-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
5	1	C8	DNI		Capacitor, Ceramic, 1µF, 16V, X5R, 10%, 0603	AVX Corporation	0603YD105KAT2A	DigiKey	478-1249-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	DNI
6	1	C11	2.2uF		Capacitor, Ceramic, 2.2µF, 10V, X5R, 20%, 0603	Murata	GRM188R61A225ME34D	DigiKey	490-1546-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
7	1	C4	4.7uF		Capacitor, ceramic, 4.7UF, 4V, X5R, 0603	Taiyo Yuden	AMK105BJ475MV-F	DigiKey®	587-1966-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
8	2	C1-2	47pF		CAP, CER, 47PF, 25V, COG, 0603	KEMET	C0603C470M3GACTU	www.digikey.com	C0603C470M3GACTU-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
9	1	U1	FT232RL-REEL		IC, USB TO SERIAL UART, 28-SSOP	FTDI	FT232RL-REEL	Digikey	768-1007-1-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
10	1	J3	HEADER 9PIN SINGLE			TYCO/DIGIKEY					
11	1	J2	FEMALE HEADER		CONN, Recept, 14 Position, 0.100 DUAL ROW	TYCO	5-534206-7	Mouser or Digikey	Mouser p/n 571-5-534206-7 Digikey p/n	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
12	1	L1	BLM18BB470SN1D		FERRITE CHIP, 47 OHM, 550MA, 0603	MURATA	BLM18BB470SN1D	DIGIKEY	490-5208-2-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
13	1	D1	SML-210LTT86		LED, 660NM, RED, WTR CLR, 0805, SMD	ROHM SEMI	SML-210LTT86	Digi-Key	LED_511-1286-1-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
14	1	U3	LM2985AIM5-1.8		IC, REG LDO, 150mA, 1.8V, SOT23-5	NATIONAL	LP2985IM5-1.8/NOPB	Digikey	LP2985IM5-1.8CT-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
15	1	U2	LP2985AIM5-2.8		IC, REG LDO 150mA 2.8V SOT23-5	NATIONAL	LP2985AIM5-2.8	Digikey	LP2985AIM5-2.8CT-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
16	1	R1	560		RESISTOR, 560 OHM, 1/10W, 1%, 0603	VISHAY DALE	CRCW0603560RFKEA	DIGIKEY	541-560HTR-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
17	2	R2-3	5K		Resistor, Thick Film Chip, 5K, 1/16W, 0.5%, 0603	SUSUMU CO. LTD.	RR0816P-4991-D-68H	Digikey	RR08P4.99KDTR-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
18	3	RST VCCIO VDD	Test Point								
19	1	J1	HIROSE, USB, UX60-MB-		CONN, RECEPT, MINI USB 2.0, 5 POS	HIROSE ELECTRIC	UX60-MB-5ST	Digikey	H2959CT-ND	<a href="http://search.digikey.com/scripts/DkSearch/dk">http://search.digikey.com/scripts/DkSearch/dk</a>	
20	1	PCB			PCB, HI-SPEED USB INTERFACE	STREAMLINE					