


<p>Course: ECE599 n/a</p> <p>The University of Tennessee, Knoxville, EECS Department</p> <p>Daughter Card.PrjPcb 7/28/2016</p>	 <p>THE UNIVERSITY OF TENNESSEE KNOXVILLE</p>
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Quantity	Designator	Description	Value	Footprint	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	C1	Cer. Cap.; 0805; 25V; X5R	10uF	6-0805_L	Taiyo Yuden	TMK212BBJ106KG-T	Digi-Key	587-2985-1-ND
1	C2	Cer. Cap.; 0603; 16V; X7R	100nF	IPC_0603_H	Murata Electronics North	GRM188R71C104KA01D	Mouser	81-GRM39X104K16
1	J1	USB micro type B		USB_micro	Amphenol FCI	10118194-0001LF	Digi-Key	609-4618-1-ND
1	J2	HDR 2x20, 40pos, Female		HDR 2x20	Sullins Connector Solutio	SFH11-PBPC-D20-ST-BK	Digi-Key	S9200-ND
1	R1	Resistor	10m	6-0805_M	Bourns Inc.	CRF0805-FX-R010ELF	Digi-Key	CRF0805-FX-R010ELFCT-ND
4	R2, R3, R4, R5	Resistor; 0603; 100mW; 1%	7.5k	IPC_0603_H	Stackpole Electronics Inc	RNCP0603FTD7K50	Digi-Key	RNCP0603FTD7K50CT-ND
1	U1	Current Sensor with ADC		SOIC127P6	Texas Instruments	INA219AIDR	Digi-Key	296-23978-6-ND