

ECE Department Material Request

Course: ECE 492
Professor: Nadovich/Schmult

Req Number: 1

Requested By: TSV (Emilie)
Requested Date: 13-Feb-17
Ship By: Ground

Vendor: Digikey
Web Site: <http://www.digikey.com/>
Phone: 218-681-6674

#	Cust Ref	Vendor PN	Manufacturer PN	Description	Quantity	Unit Price	Total Price	Rcvd
1	U1	AT90CAN128-16AU-ND	AT90CAN128-16AU	IC MCU 8BIT 128KB FLASH 64TOFP	5	\$7.5200	\$37.60	
2	U2	ADM6320CY29ARJZ-R7CT-ND	ADM6320CY29ARJZ-R7	IC SUPERVISOR WATCHDOG SOT23-5	5	\$1.5400	\$7.70	
3	U3	568-1074-1-ND	PCF8574AT/3,518	IC I/O EXPANDER I2C 8B 16SOIC	5	\$1.2200	\$6.10	
4	U4	296-29034-1-ND	INA226AIDGSR	IC Monitor PWR/CURR BIDIR 10MSOP	5	\$3.4400	\$17.20	
5	U5	296-38849-1-ND	ADS1115IDGSR	IC ADC 16BIT 860SPS LP 10MSOP	5	\$5.6500	\$28.25	
6	U6	LTC3638EMSE#PBF-ND	LTC3638EMSE#PBF	IC REG BUCK ADJ 0.25A 16MSOP	5	\$7.7900	\$38.95	
7	U7	811-2109-5-ND	NCS6S1205C	CONVERT DC/DC 6W 12VIN-5VOUT T/H	2	\$22.0000	\$44.00	
8	U8	336-2048-5-ND	SI8600AC-B-IS	DGTL ISO 3.75KV 2CH I2C 8SOIC	5	\$3.3700	\$16.85	
9	U9	NCP1117ST33T3GOSCT-ND	NCP1117ST33T3G	IC REG LDO 3.3V 1A SOT223	5	\$0.4600	\$2.30	
10	U12	768-1007-1-ND	FT232RL-REEL	IC USB FS SERIAL UART 28-SSOP	5	\$4.5000	\$22.50	
11	U13	TLP2361(V4-TPLECT-ND	TLP2361(V4-TPL,E	OPTOISO 3.75KV PSH PULL SO6-5	5	\$1.1400	\$5.70	
12	P1	A113982-ND	556881-4	CONN RCPT 4POS 11.18MM PCB SLDR	5	\$8.3000	\$41.50	
13	P2, P6	WM1340-ND	15912025	CONN HEADER 2POS .100 R/A SMD	5	\$2.6100	\$13.05	
14	P3	WM1344-ND	15912065	CONN HEADER 6POS .100 R/A SMD	5	\$4.2000	\$21.00	
15	J1	ED2983-ND	USB-B1HSB6	CONN USB TYPE B R/A BLACK	10	\$0.5460	\$5.46	
16	J2	182-37FE-ND	182-037-213R531	CONN D-SUB RCPT 37POS R/A SOLDER	3	\$3.2800	\$9.84	
17	J3	WM3789CT-ND	855135002	CONN MOD JACK 6P6C VERT UNSHLD	3	\$1.1600	\$3.48	
18	Q1, Q2, Q3, Q4	RRR015P03TLCT-ND	RRR015P03TL	MOSFET P-CH 30V 1.5A TSMT3	10	\$0.3960	\$3.96	
19	R15, R16, R17, R18, R22, R26	P510BZCT-ND	ERJ-PA3J511V	RES SMD 510 OHM 5% 1/4W 0603	100	\$0.0340	\$3.40	
20	R3	CSNL1206FT1L0OCT-ND	CSNL1206FT1L00	RES SMD 0.001 OHM 1% 1W 1206	10	\$0.5390	\$5.39	
21	C30, C31, C32, C33, C35, C36	1276-1052-1-ND	CL21A106KPFNNNE	CAP CER 10UF 10V X5R 0805	50	\$0.0736	\$3.68	
22	C27, C9, C15, C12	1276-1854-1-ND	CL32A106KAULNNE	CAP CER 10UF 25V X5R 1210	100	\$0.0930	\$9.30	
23	F1	BK-6010-ND	BK-6010	FUSE BLOCK BLADE PCB	10	\$0.4940	\$4.94	
24	D15, D5, D6, D9, D18, D21, D19	SK310A-LTPMSCT-ND	SK310A-LTP	DIODE SCHOTTKY 100V 3A DO214AC	25	\$0.3284	\$8.21	
25	Rly 2	PB1014-ND	T9AS1D12-5	RELAY GEN PURPOSE SPST 30A 5V	5	\$3.7800	\$18.90	
26	U14	296-40579-1-ND	TCA9617BDGKR	IC V-LEVEL XLATR FM+ I2C 8VSSOP	5	\$1.0100	\$5.05	

Shipping Fees	
Grand Total:	\$384.31

Instructor Approval: _____

Digikey Cart URL: <http://www.digikey.com/short/3f5zc1>