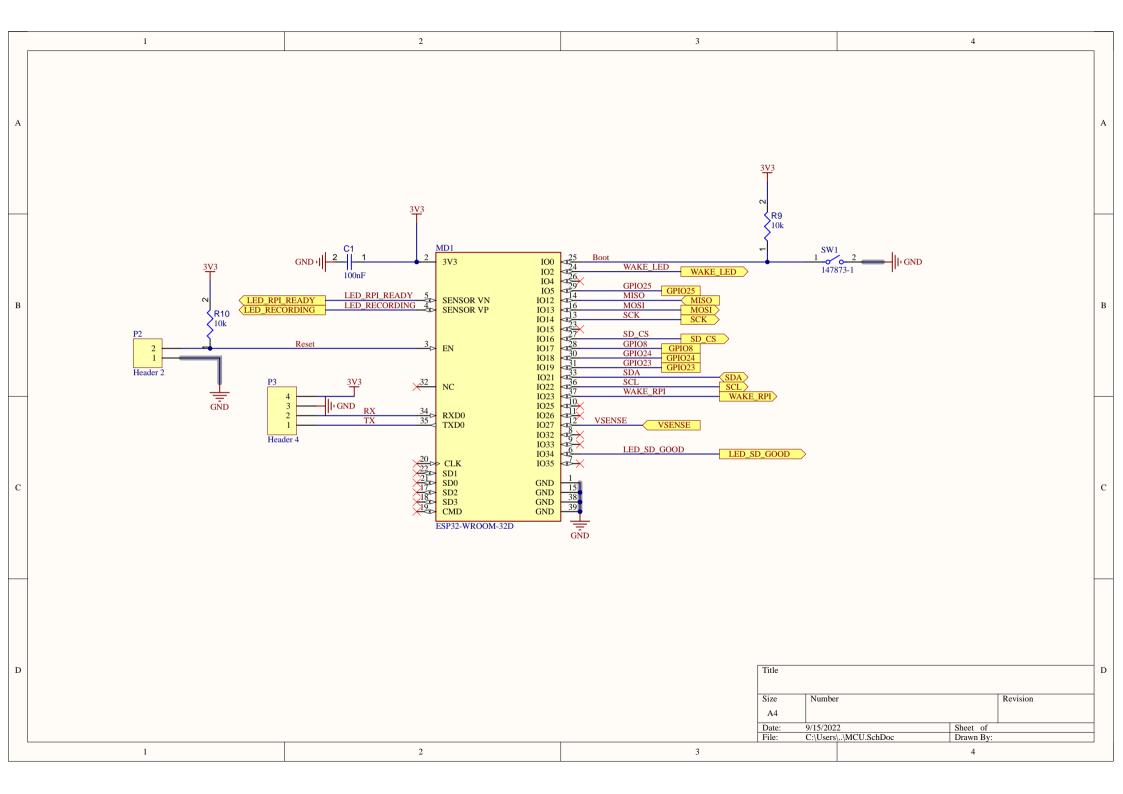
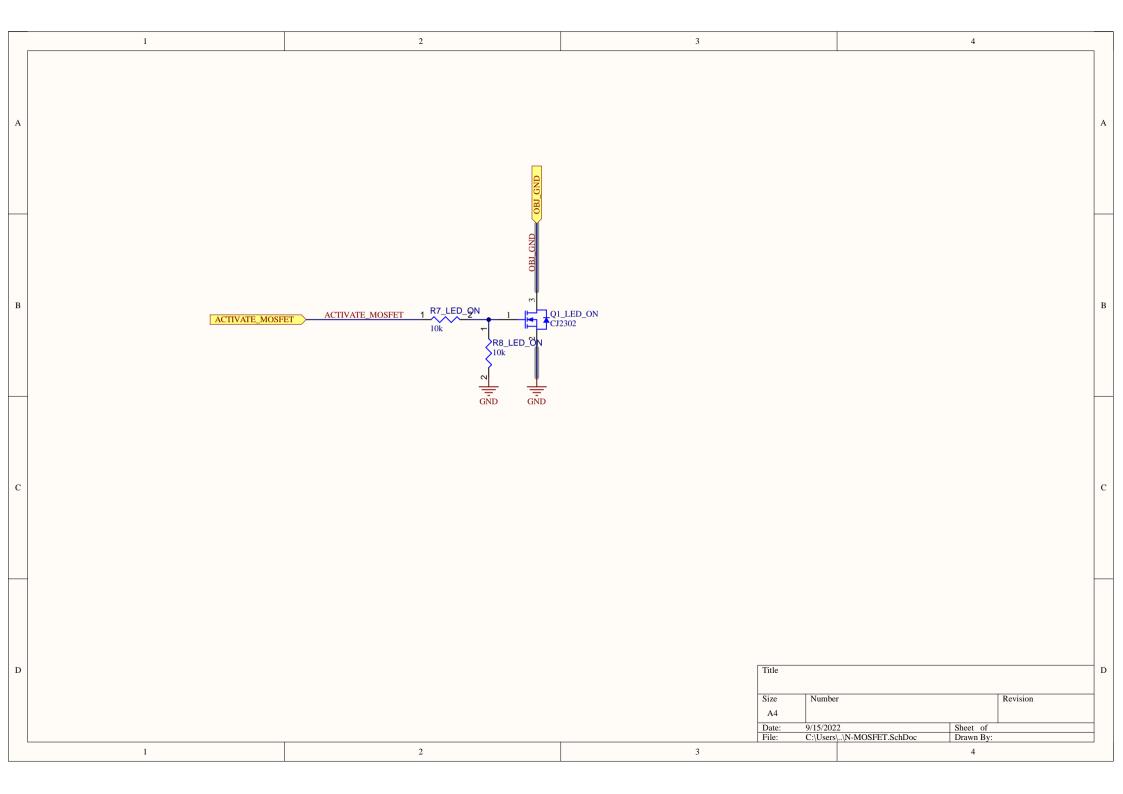
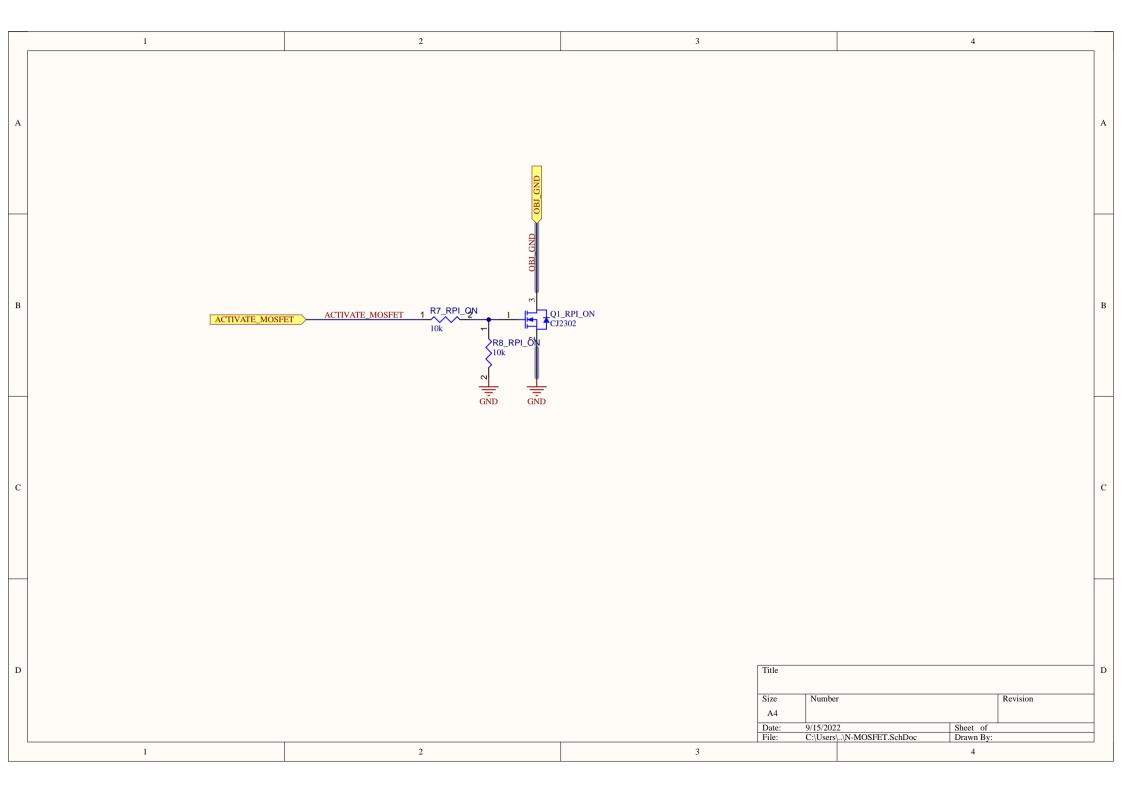
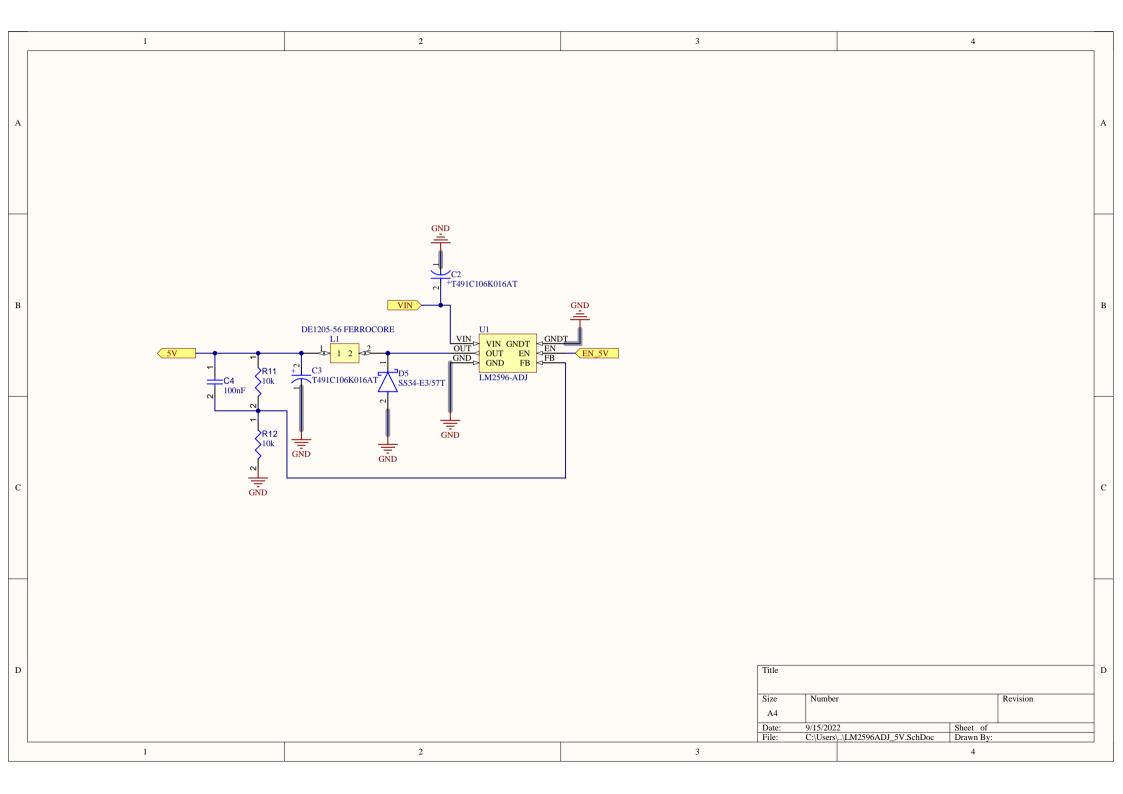


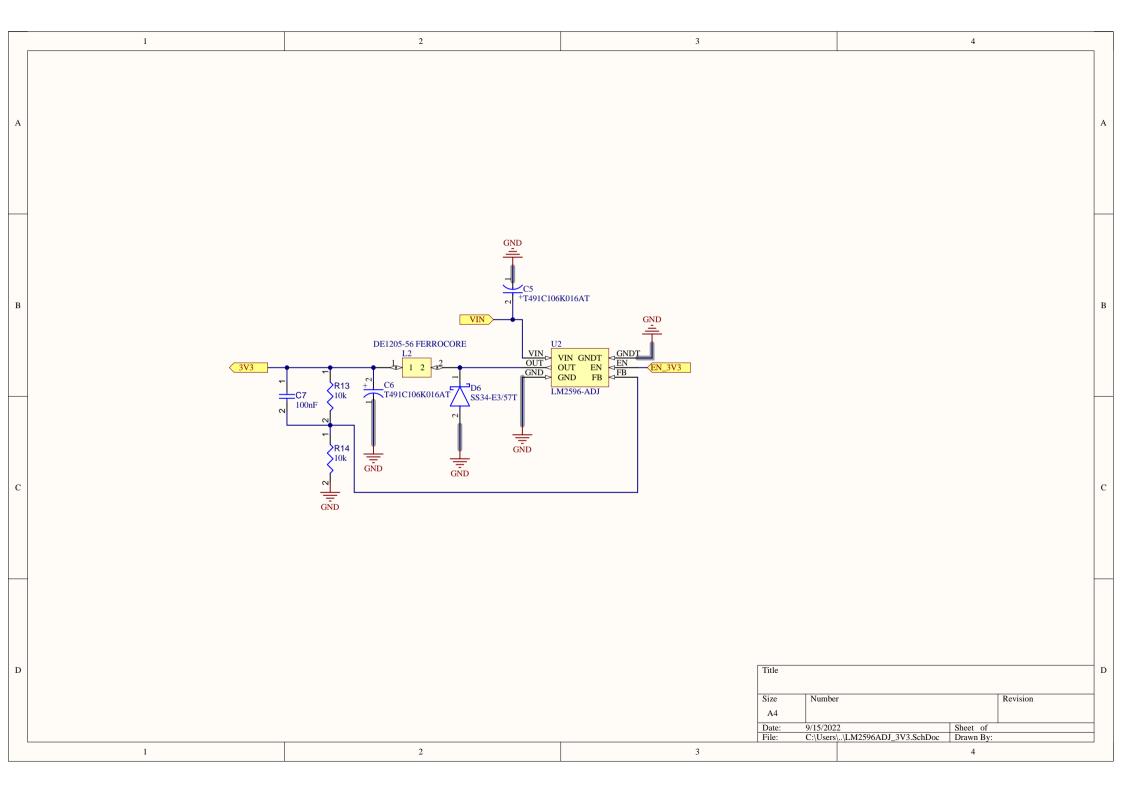
D

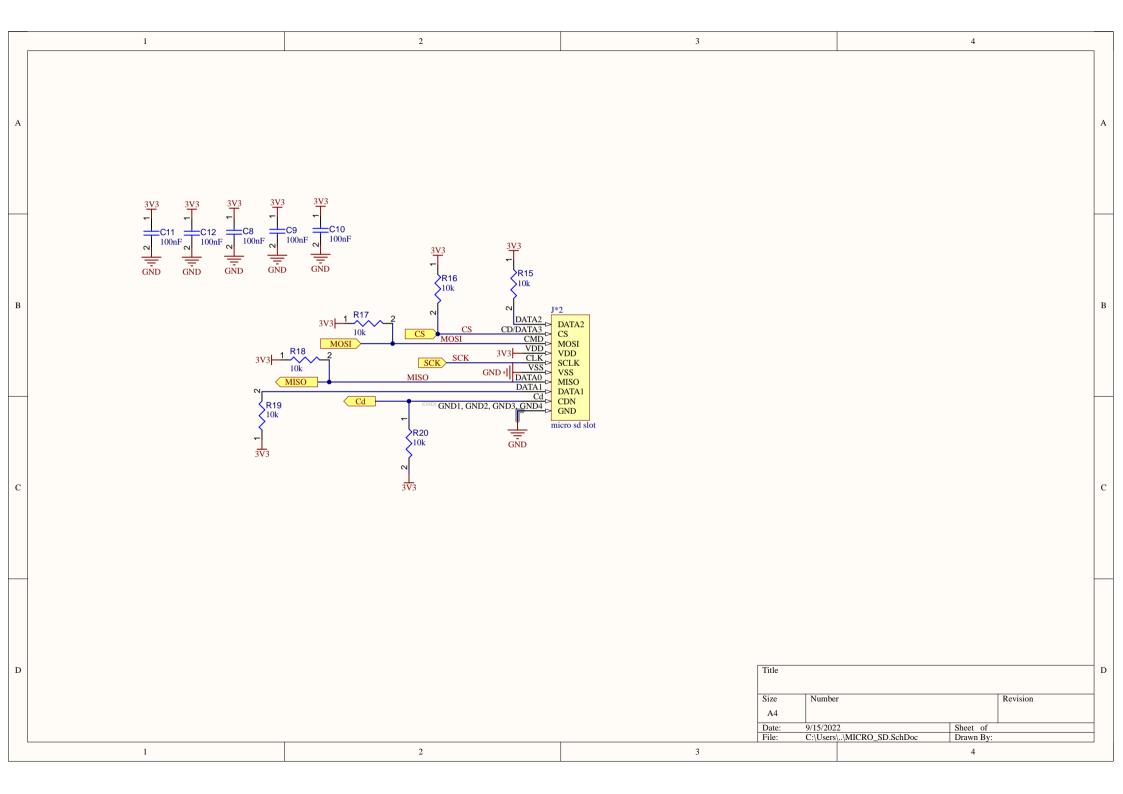


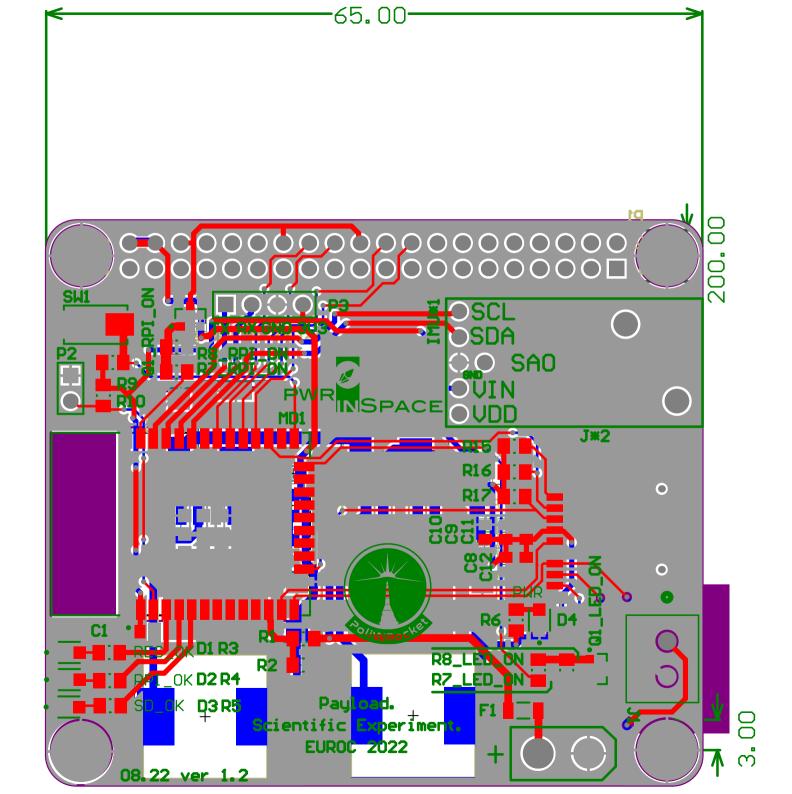












110-2 Song, A-Print Song	Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
108.50 20 200 200 200 20 20 20		Capacitor										
1885 W. W. W. W. W. W. W. W	1				ρ	Vaneo	CC0805KRY7R9RR104	Volume Production	Newark	65R8002	0.010	0.152
1971 1972	1			C10, C11, C12		Tageo	CCOOOSKKX/K/BB104	Volume i roduction	IVCWark	031(0772	0.017	0.132
MAT 10% 10/2310 2C. 1.5. 1.												
1.57 1.57	2			C2. C3. C5. C6	4	KEMET	T491C106K016AT	Volume Production	Newark	57K1846	0.085	0.34
CTYTICAT CIRP 900 CTYTICAT CIRP 900 CTYTICAT			10% 16V 2312					1-0-0			-	
Same	3		CHIP SMD	01, 02, 03, 04	4	Vishay Lite-On	LTST-C171GKT	Volume Production	Digi-Key	160-1423-1-ND	0.26	1.04
MARCOSMO	4	SS34-E3/57T		D5, D6	2		SS34-E3/57T	Volume Production	Mouser	625-SS34-E3	0.57	1.14
SEC	5	110F-2	Resettable Device, 6 V, 1.1 A, -40 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel		1	TE Connectivity	NANOSMDC110F-2	Volume Production				
7 14-132 No Description Available 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6			IMU*1	1	Pololu	ALTIMU-10 V3					
National State Nati	7			J1	1							
9 micro sd slot	0	VT 20DD		14								
DET205-56 FERROCORE FERR	8	X1-30PB	ugabuga	JI	l							
SERROCORE C. 1. LZ Z C. 1. LZ Z C. 1. LZ Z C. 1. LZ Z C. 1. LZ C.	9			J*2	1							
11	10			L1, L2	2							
11								Not Recommended for New				
Header 20X2	11			MD1	1	Espressif Systems	ESP32-WROOM-32D					
12		32D										
14 Header 4 Header 4 Header 4 Header 4 Header 5 Header 5	12		Dual row		1							
N-Channe Plastic Encapsulate MoSFET, 20 V, 2.1	13											
15	14	Header 4			1							
15 CJ2302 MOSFET, 20 V, 2.1 A, 3-Pin SOT23, Tape and Reel Resistor 10k KOhm, 4-7 1%, 125 Metric) 16 4-71 Metric) 17 147873-1 SPST-NO 0.05A 24V 18 18 18 18 26 A 3 Pin SOT23, Tape and Reel Resistor 10k KOhm, 4-7 18 25 A 3 Pin SPST-NO 0.05A 24V 19 18 18 18 26 A 3 Pin SOT23, Tape and Reel Resistor 10k KOhm, 4-7 18, 125 A 3 Pin SOT23, Tape and Reel Resistor 10k KOhm, 4-7 1%, 125 Tape and Reel Resistor 10k KOhm, 4-7 18, 125 Resistor												
15				O1 LED ON								
Resistor 10k	15	CJ2302			2							
Resistor 10k (Chip Resistor, 10 (Robm, +/- 1%, 125 (Robot) Resistor, 10) (Robm, +/- 1%, 125 (Robot) Robot) (Robm, +/- 1%, 125 (Robot) Robot) (Robm, +/- 1%, 125 (Robot) Robot) (Robot)				4								
Resistor 10k (Chip Resistor, 10 R6, R7_LED_ON, KOMM, +/- 1%, 125 mW legc, 0805 (2012 R10, R17, R12, R3, R14, R15, R16, R17, R18, R19, R20 RC0805FR-0710KL Volume Production Newark 85X1799 0.004 0.088 SX1799 0.004 0.008 SX17			Tape and Reel									
Resistor 10k (Chip Resistor, 10 R6, R7_LED_ON, KOMM, +/- 1%, 125 mW legc, 0805 (2012 R10, R17, R12, R3, R14, R15, R16, R17, R18, R19, R20 RC0805FR-0710KL Volume Production Newark 85X1799 0.004 0.088 SX1799 0.004 0.008 SX17				R1, R2, R3, R4, R5,								
Chip Resistor, 10 R7_RPI_ON, R8_LED_ON,												
16			Chip Resistor, 10									
16		Resistor 10k	KOhm, +/- 1%, 125	R8_LED_ON,								
Metric R13, R14, R15, R16, R17, R18, R19, R20 SWITCH TACTILE SWST-NO 0.05A SW1 1 TE Connectivity 147873-1 Volume Production Newark 82AC1060 0.177 0.177 0.177 18	16				22	Yageo	RC0805FR-0710KL	Volume Production	Newark	85X1799	0.004	0.088
R16, R17, R18, R19, R20 SWITCH TACTILE SPST-NO 0.05A SW1 1 TE Connectivity 147873-1 Volume Production Newark 82AC1060 0.177 0.177 24V 18 IM2596 ADI Switching III III 2 2 2		125 mW	degC, 0805 (2012	R10, R11, R12,								
R19, R20 R19, R20 Volume Production Newark 82AC1060 0.177 0.177 0.177												
SWITCH TACTILE SWITCH TACTILE SPST-NO 0.05A SW1				R16, R17, R18,								
17												
17			SWITCH TACTILE									
24V	17	147873-1		SW1	1	TF Connectivity	147873-1	Volume Production	Newark	82AC1060	0 177	0 177
18 I M 2596 AD I Switching I I I I I I I I I I I I I I I I I I I	''	1,7,0,3-1			'	TE CONTINUE CONTROL	117070-1	Volume i roudetion	I VOVIII K	02/10/1000	0.177	0.177
			Switching				+					
	18	LM2596-ADJ	converter DC-DC	U1, U2	2							