









March Marc	Namo	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part	Manufacturer	Supplier 1	Supplier Part	Supplier Unit Price	Supplier Subtet
Column	LoRa RaO2		19	-		NUMBER I	Litecycle I		NUTDIF I		
March Marc	3.67	DIODE ZENER	15MA4729A								
March 2004 Mar											
Column	POT	10kohm 25turn	TOK	1							
March Marc	Tan_SIM2		100uf	,							
March Marc	tanSIM LCD	6X3.2MM Alphanumic LCD	470uf ALCD7	-							
March 1971		x x Volt, 800mA									
March 1	31/3	Linear Regulator, 4	AMS1117	1							
Mark	SIM20_ANT	ANT	ANT?	1							
March Marc	Header 4		BLE, GPS,	- 1							
Section Sect	Header 3		80010,80011								
Section Sect	5.1V	CENERAL									
March	100nF		C VDDA1, C?,	24							
W. Controlled Controlled	104		CByPass, CByPassP C MDDA2 C2	-							
March	tu	TOTAL INDUCTOR	C?	1							
Description			_								
March Marc	Tour			,							
March Marc	22uf	TOTAL CAPACITOR	C?								
March	22uf		C7	-							
Month	75pf 100nf	CAP 1206 Capacitor	C7	1							
Month	1504	TOTAL CAPACITOR		,							
Decoration Process P											
Car Section Car		Electrical SMD	C7	1							
Description Color Color	1000uf 16V	Electrolyte Capacitor	ē?	1							
April	Cap 10x21	Cap electrolitic radial	C7	1							
April	100nf	TOTAL CAPACITOR	C7, C_RST_SIM,	-							
Column		SMD PACK									
Column	18pf	CAP 1206	C_Crystal2;		1	l	l	l	l	1	
The content of the			onomator1, C_Oscillator2								
Description Commonweal Co	10pf	TOTAL CAPACITOR	C_9M9	,							
Company Comp				-		-	-	-	-		-
Company Comp	33pf	SMD PACK	C_9M7	,	1	l	l	l	l	l	
March Marc		Connector Header									
March Marc	HOX_BPIN	position 0.098	Counctor - KeyPad	,	1	l	l	l	l	l	
Mode	164148	(2.50mm) 154148	07	,							
Month Mont		Schottky Rectifiers	07								
Dec Dec		1N4007 smd diode	07	1							
Delication Comparison Com	158484732A	Diode SMD Pakage	07	1							
Comment Comm		600W, 18.8V, 5%,	00								
Commarks Commarks	AVEL LEVA	TVS	~								
Description System	DC Drawer took	DC Power Jack	DC Breast hold								
Part	- rower JECK	Diameter: 5.7mm	- rowel MOL/	L '	L	L	L	L	L		L
March Marc		Capacitive-type									
Column C	DHT22	temperature	DHT22	1							
Column C	185810	module/sensor Schottkey	007	_							
Control Base Cont		RECUIRERS	17	- 1	-						
March Marc	Ferrite Bead SMD		Ferrite bead1, Ferrite bead2								
According Acco	Jumpir	Jumper	\$77	1							
According Acco	10uH	Inductor	17								
April Apri			LED1, LED2, LED7, LED_AMS1117,								
According Acco	SMD 1206 LED	SMD 1206 LED	LED_MP4462, LED_TP55422,	11							
Section Sect		Tomorooton	PWM_LED?								
March Marc		Sensor Analog.									
March Marc	LMGS	Local GA*C - 100Å*C 10erV/Å*C	LM35	,							
Process Proc		fi0.42-3 Micro sd in SD	microSD	-							
Prob. 1 St		MODE 4pin	Connector	,							
CONTROL CONT		3 Pitch: 5.08 mm									
CONTROL CONT	PHOENIX	Contact surface:	Sensor1, Sensor2	3							
Section Sect		TITI PRODUCES									
Section Sect	61301811821	Header, THT, Vertical, pitch	PA, PB								
Section Sect		2.54mm, 1 Row, 18P									
Carry Carr		Header, 5-Pin	PROGRAM DMM DLFD2 D2	,							
A	330	Resistor	RLEDT, RLEDZ, SHIR	12							
Color		45 V, 500 mA NPN									
California Cal	W-817	puneras-purpose tramintors	3								
California Cal	C945	NPN Silicon Épitaxial Planar	Q7				1		1		
1.5		Transistor DEP 4pin General					-	—	—	—	
1.5	PC817XI	Purpose	G7		1	l	l	l	l	l	
St.	1K	Resistor	87								
St.	2.2K	Resistor	87	-							
St.	3.3K 4K	exsistor Resistor	R7								
St.	 5.1K 8.2K	Resistor Resistor	87								=
St.	tox	Resistor	R?	20							
December December	176		907	- 1		-	-	-	-		
14 15 15 15 15 15 15 15	15K	Resistor	R7								
### 1	40.2K	RES 1206	87								
State	49.9	exsistor	R7					<u> </u>			
10		RES 1206								. —	
Column C	100k 100K	RES 1206 RES 1206 RES 1206	R? R?								_
Value 2, Text Value 2, Text Value 2, Text Value 2, Text Value 3, Text Value 4, Tex	100k 100K 105K 200k	RES 1206 RES 1206 RES 1206	R7 R7 R7	1							
MAIN S. P.	100k 100X 105X 200k 210k	RES 1206 RES 1206 RES 1206	87 87 87 87 87								
March Marc	100k 100K 105K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	87 87 87 87 87 87 87 87, R, CS, =50,	1							
March Marc	100k 100K 100K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	87 87 87 87 87 87 87 87 87, R. CS. #SD. R. DHT22, R. LMD5, R. PB,	1							
March Marc	100k 100k 100k 100k 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	27 27 27 27 27 27 27 27, R. CS, mSD, R. DHT22, R. J. MSS, R. PB, R. J. MSS, R. PB, R. J. Phoenix J. R. Phoenix J.	1							
March Marc	100k 100k 100k 109K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	27 27 27 27 27 27 27 27 27, R., CS, mSD, R., Dell'22, R., LIAGS, R. PB, R., Phoenist, R., Phoenist,	1							
March Marc	100k 100K 100K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	27 27 27 27 27 27 27 27, R, CS, mSD, R, Del 22, R, JMDS, R, PB, R, Phomist I, R, Phomist I, R, Phomist I, R, PMM1, R, R, R	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
March Marc	100k 100K 100K 200k 200k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	27 27 27 27 27 27 27 27, R, CS, =SD, R, EMIZ, R, EMIZ, R, Phoenix 2, R, Phoenix 3, R, Phoenix 3, R, Phoenix 4, R, Phoenix 5, R, Phoenix 6, R, Phoenix 7, R, R, R	3							
March Marc	100k 100K 105K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	127 127 127 127 127 127 127 127 127 127	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
MODINES 97	100k 100K 105K 200k 210k 531K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	127 127 127 127 127 127 127 127 127 127	33							
MODINES 97	100k 100k 105K 200k 210k 511K	RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	R_LNUS, R_PB, R_Phoenis1, R_Phoenis2, R_PWM1, R_RWM1, R_RX_SEE, R_RX_GPS, R_SUB_LEE, R_SUB_CEE, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS,	33							
MODINES 97		RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206 RES 1206	R_LNUS, R_PB, R_Phoenis1, R_Phoenis2, R_PWM1, R_RWM1, R_RX_SEE, R_RX_GPS, R_SUB_LEE, R_SUB_CEE, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS,								
539026 (SP-01		#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R_LNUS, R_PB, R_Phoenis1, R_Phoenis2, R_PWM1, R_RWM1, R_RX_SEE, R_RX_GPS, R_SUB_LEE, R_SUB_CEE, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS, R_LX_GPS,								
539026 (SP-01		#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R_IMDS, R_PB, R_Phoenist, R_Phoenist, R_Phoenist, R_PMM1, R_PMM1, R_RM, R_RM, R_RX_GPS, R_RX_GPS, R_SCA_GED, R_TX_BEE, R_TX_GPS, R_TX_GP								
539026 (SP-01		#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R_IMDS, R_PB, R_Phoenist, R_Phoenist, R_Phoenist, R_PMM1, R_PMM1, R_RM, R_RM, R_RX_GPS, R_RX_GPS, R_SCA_GED, R_TX_BEE, R_TX_GPS, R_TX_GP								
539026 (SP-01		#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R_IMDS, R_PB, R_Phoenist, R_Phoenist, R_Phoenist, R_PMM1, R_PMM1, R_RM, R_RM, R_RX_GPS, R_RX_GPS, R_SCA_GED, R_TX_BEE, R_TX_GPS, R_TX_GP								
539026 (SP-01	Switch PB SIMBOOL	#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R LIMOS, R PB, R Procession, R Procession, R Procession, R Part Part Part Part Part Part Part Part								
	Switch PB SIMBOOL	#25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206 #25 1206	R LIMOS, R PB, R Procession, R Procession, R Procession, R Part Part Part Part Part Part Part Part								
State Stat	Switch PB SIMBOOL SPSS-4202H2DCR	EES 1206 EES	R_AMS, R_PR, R_Phomini L R_Phomini Z, R_Phomini Z, R_PMMT, R_PMMT, R_PMMT, R_PMMT, R_PM_BE, R								
123 of MCU_04 665	Switch PB SIMBOOL SPSS-4202H2DCR	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,								
\$11K32F103C816 Internal RAM, 27 U7 2 Digi-Key 497-60K3-ND Digi-Key 497-60K3-ND	Switch PB SIMBOOL SPSS-4202H ZOCK	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,								
	Switch PB SIMBOOL IPSS-4000HEDCR ESPRING ESP-01 MM74CR22N	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,								
40 to 85 degC, flow	Switch PB SIMBOOL IPSS-4000HEDCR ESPRING ESP-01 MM74CR22N	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,					Digitary	497-600.5 ND		
70270K W495T0BS W27 ;	Switch PB SIMBOOL IPSS-4000HEDCR ESPRING ESP-01 MM74CR22N	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,					Dag Kay	497-4063-ND		
32.7x88/str A8525-32.7x88/st/A20ppm Cryntal	Switch PB SIMBOOL IPSS-4000HEDCR ESPRING ESP-01 MM74CR22N	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,					Dog-Easy	497-6065 ND		
, 12.5pf 50 k0 hrs. V 1	Switch PB SIMBOOL 1995-4003HDDCR ESPEZION ESP-01 MM1140223N STIMUST 10020ET6	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,					Doji Kay	497-4063 ND		
	Switch PB SIMBOOL 1995-4003HDDCR ESPEZION ESP-01 MM1140223N STIMUST 10020ET6	EES 1206 EES	R_MMS, R_PR, R_Phonsist, R_Phonsist, R_Phonsist, R_Phonsis, R_Phonsis, R_PMMT,					Dog Say	497-4063 ND		