





01_SST1_C1_SST2_ C2_SST1_C2_SST2_ C3_SST1_C2_SST2_ C3_SST1_C3_SST2_ C3_SST3_C3_SST2_ C3_SST3_C3_SST2_ C3_SST3_C3_SST2_ C3_SST3_C3_SST2_ C3_SST3_C3_SST3_C3_SST2_ C3_SST3_SST		Description	Designator	Footprint	LibRef	Quantity
C2_SST1_C2_SST2 C3_SST1_C2_SST2 C4_SST1_C2_SST2 C4_SST2_C4_SST2 C4_SST2_C4_SST2 C4_SST2_C4_SST2 C4_SST2_C4_SST2_C4_SST2 C4_SST2_C4_SST	1	,				
C2_SST1_C2_SST2 C3_SST1_C2_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST						
C2_SST1_C2_SST2 C3_SST1_C2_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST						
C2_SST1_C2_SST2 C3_SST1_C2_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST						
C2_SST1_C2_SST2 C3_SST1_C2_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST2_C3_SST2 C3_SST2_C3_SST						
C3_SST1_C3_SST2 C4_SST1_C4_SST2 C5_SST1_C4_SST2 C5_SST1_C5_SST2 C5_SST2_C5_SST2 C5_SST2_C5_SST2 C5_SST2_C5_SST2_C5_SST2 C5_SST2_C5_SST						
C2_SST1_C2_SST2   C3_SST1_C2_SST2   C3_SST1_C2_SST2   C3_SST1_C2_SST2   C3_SST1_C3_SST2   C3_SST1_C3_SST2   C3_SST1_C3_SST2   C4_SST1_C3_SST2   C4_SST2   C4_SST2 			C3_SST1, C3_SST2			
C7_SST1_C9_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_C11_C21_C10_SST2 C10_SST2_C1			C5_SST1, C5_SST2			
0.9_SST1_0_SST2_ 0.1pF			C7_SST1, C6_SST2			
CAP CERT   100   CAP			C9 SST1, C9 SST2			
119F		CAP CER .1UF 100	C14, C15, C16, C17			
TAUP CREATION 53  OAP CERT (2016 5)  OAP CERT (2016 10)  OAP CERT		X7R 0603				
1.0.JF	_	CAP CER 10UF 6.3V				1
DI_SSTI_   CI_SSTR_   CI_SSTR_		CAP CER 1.0UF 10V				
C2_SST2_ C3_SST2_ C3_SST2_ C3_SST2_ C3_SST2_ C3_SST2_ C3_SST2_ C3_SST2_ C3_SST1_ C3_SST1_ C3_SST1_ C3_SST1_ C3_SST1_ C3_SST1_ C3_SST1_ C3_SST2_ C3_SST1_ C3_SST2_ C3_	1.0µF	10% X/R 0805	CD SSD	0805	CAP-SMALL	1
COS_SST1, COS_SST2, COS_SST2, COS_SST2, COS_SST3, COS_SS			Cf2 SST1,			
C1_SST2_ C1_			Cf3_SST1,			
CR SST2, CR SST1, CR SST1, CR SST1, CR SST1, CR SST1, CR SST1, CR SST2, CR SST2, CR SST1, CR SST2, CR SST1, CR SST2, CR			Cf3_SST2,			
CIS_SST2_ CIS_SST1_ CIS_SST2_ CIS_SS			Cf4 SST2,			
City			Cf5 SST2,			
CF_SST2_ CR_SST1_ CR_SST1_ CR_SST1_ CR_SST1_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_SST2_ CR_SST1_ CR_SST2_ CR_		1	Cf6_SST2,			
City		1	Cf7_SST1, Cf7_SST2,			
Circ   SST1		1	Cf8_SST1, Cf8_SST2,			
CHO_SST1_ CHO_SST2_ CH1_SST1_ CH2_SST1_ CH2_SST2_ CH3_SST1_ CH2_SST2_ CH3_SST1_ CH3_SST2_ CH4_SST1_ CH3_SST2_ CH4_SST1_ CH3_SST2_ CH4_SST1_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST1_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST1_ CH5_SST2_ CH5_SST3_CH5_CH5_CH5_CH5_CH5_CH5_CH5_CH5_CH5_CH5		1	Cf9 SST1,			
CH1_SST1_ CH1_SST2_ CH2_SST2_ CH3_SST1_ CH3_SST1_ CH3_SST2_ CH4_SST1_ CH4_SST1_ CH4_SST1_ CH4_SST1_ CH4_SST1_ CH4_SST1_ CH4_SST2_ CH4_SST1_ CH4_SS		1	Cf10_SST1,			
CH2_SST1_ CH2_SST1_ CH3_SST1_ CH3_SST1_ CH3_SST1_ CH3_SST2_ CH3_SST1_ CH3_SST2_ CH3_SST1_ CH4_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST1_ CH3_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST2_ CH3_SST1_ CD4_SST1_ CD5_SST1_ CD6_SST1_ CD7_SST2_ CH3_SST1_ CD7_SST2_ CH3_SST1_ CD7_SST1_ CH3_SST2_ CH3_SST1_ CD7_SST1_ CD6_SST1_ CD6_SST1_ CD6_SST1_ CD6_SST1_ CD6_SST1_ CD6_SST1_ CD7_SST1_ CD7_SS			Cf11_SST1,			
CH3_SST1_ CH3_SST1_ CH3_SST1_ CH3_SST1_ CH3_SST1_ CH3_SST1_ CH5_SST1_ CH5_SS		1	Cf11_SST2, Cf12_SST1,			
CH3_SST2_ CH4_SST1_ CH4_SST2_ CH4_SST1_ CH4_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH5_SST2_ CH7_SST1_ CH7_SST2_ CH7_SS		1	Cf13 SST1,			
CH4_SST2_ CH5_SST1_ CH5_SST1_ CH5_SST1_ CH5_SST2_ CH5_SST1_ CH5_SST2_ CH7_SST2_ CH7_SST2_ CH7_SST2_ CH7_SST1_ CH7_SST2_ CH7_SST2_ CH7_SST1_ CH7_SST2_ CH7_SST1_ CH5_SST2_ CH7_SST1_ CH5_SST2_ CH5_SST1_ CH5_SST1_ CH5_SST2_ CH5_SST2_ CH5_SST1_ CH5_SST2_ CH5_SST1_CH5_SST2_ CH			Cf13 SST2,			
CHS_SST2_ CHS_SST1_ CHS_SST1_ CHS_SST1_ CHS_SST2_ CAP CERAINC CAP CERAINC CHS_SST1_ COSP 50 9603 CHS_SST1_ 1000F 50 9603 CHS_SSM_ 1000F 50 9603 CHS_ 1000F 50 9603 CHS_SSM_ 1000F 50 9603 CHS_SSM_ 1000F 50 9603 CHS_SSM_ 1000F 50 9603 CHS_ 1000F 50		1	Cf14_SST2,			
CHE_SST2_ CLTP_SST1_ CAP CERAMC CLTP_SST1_ CLTP_SST2_ C			Cf15 SST2,			
CAP CERAMC 100PF 900 900 900 107 SST1, 100PF 900 900 900 107 SST2, 100PF 900 900 900 900 107 SST1, 100PF 900 900 900 900 900 900 900 900 900 90		1	Cf16_SST2,			
100PF   100P		CAP CERAMIC	Cf17_SST1,			
NANOSMOCO16F-2 PERSET FUSE SMD P1 1 1206 Fuse Thermal 1  HEADER 25/2 [1 FIN HEADER 1] 1,1,2   IDC56P HEADER 25/2 2  HEADER 80/2 [1 FIN HEADER 1] 1,1,3   July 1,5   IDC16 HEADER 80/2 2  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC56P HEADER 80/2 2  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC56P HEADER 80/2 2  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC56P HEADER 80/2 2  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC16 HEADER 80/2 1  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC16 HEADER 80/2 1  HEADER 80/2 [1 FIN HEADER 1] 1,1,4   IDC16 HEADER 80/2 1  HEADER 80/2 [1 FIN HEADER 80/2 ] 1	400-F	100PF 50V 0603	Cf18_SST1,	0000	CAD CMALL	20
NANOSMOCOSFF-2 RESET FUSE SMD   F1   1206	roupr		G10_0012	0003	UNP-OWINEL	30
HEADER 8X2		PULYSWITCH .16A RESET FUSE SMD				1
HEADER SX2	HEADER 25X2	16 DIN HEADED	J1, J2			
LED SMM RT ANG COV CUR RED POWN RT ANG COV CUR RED LED1 LED2 LED2 1 LED2		10 Pin Header 0.1"				
RED PCANT LED1 LED2 LED2 1  LED3 MM RT ANG LOW CUR GRN LOW CUR GRN LOW CUR GRN LED2 LED2 LED2 1  CONS PWR PHE3 DISC CONS 1  RES 100K CHM R1 SST1, R1 SST2 LED2 LED2 1  10K ±1% PRES 100K CHM R1 SST1, R1 SST2 LED3 RES-TINY 4  110K ±1% PRES 100K CHM R1 SST1, R2 SST2 0603 RES-TINY 4  110K ±1% PRES 100K CHM R2 SST1, R2 SST2 0603 RES-TINY 4  110K ±1% PRES 100K CHM R2 SST1, R2 SST3 0603 RES-TINY 1  110K ±1% PRES 10K CHM R2 SST1, R2 SST3 0603 RES-TINY 1  110K ±1% PRES 10K CHM R3 SSM R2 RT R3 R7 R8 R9 10603 RES-TINY 1  110K ±1% PRES 10K CHM R3 SSM R8 R7 R8, R9 10603 RES-TINY 1  110K ±1% PRES 10K CHM R3 SSM R8 R7 R8, R9 10603 RES-TINY 1  110K ±1% PRES 10K CHM R3 PRES 10K C	HEADER SAZ	LED 3MM RT ANG	JIAG	IDC10	READER 3AZ	'
CON	RED					
CONS  PWR PHES DISC CONS 1  RES 10.0K OHM R1 SST1, R1 SST2  10K s1% RES 10.0K OHM R2 SST1, R2 SST3  RES 10.0K OHM R1 SST1, R1 SST3  1.0K s1% RES 1.0K OHM R2 SST1, R2 SST3  8.0K s1% RES 1.0K OHM R2 SST1, R2 SST3  8.0K s1% RES 6.0K OHM R2 SSM R4 0603  RES SMALL 1  1.0K s1% RES 6.0K OHM R2 SSM R4 0603  RES SMALL 1  1.0K s1% RES 6.0K OHM R2 SSM R4 0603  RES SMALL 1  1.0K s1% R2 SSM R4 0603  RES SMALL 2  CONN REAGER 10 0603  RES SMALL 4  4.0C SSM R5 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R8 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R8 R7 R8 R9 0603  RES SMALL 4  4.0C SSM R5 R8			LED1	LED2	LED_2	1
10X ±1%		LED 3MM RT ANG LOW CUR GRN				1
1.00K ±1%   RES 1.00K CHM	GRN	LED 3MM RT ANG LOW CUR GRN	LED2	LED2	LED_2	1
1.00K ±1%   RES 1.00K CHM		LED 3MM RT ANG LOW CUR GRN	LED2	LED2	LED_2	1
1,00X 11%   1,10W 1% 0603 SMR2   0603   RES-SMALL   1	GRN CON3	LED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM	LED2 PWR	LED2 PHE3_DISC	LED_2 CON3	1
RES 6 04K 0HM (110W 110 0803 SMIR4 (150K 111) (150K 121 M) (150K 121 M	GRN CON3	LED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI	LED2 PWR	LED2 PHE3_DISC	LED_2 CON3	1 1 1 4
6.06K;41% 1/10W 11/6003 SMIRA 0603 0603 RES-TINY 1 1.60K s0.1% 0400 RES 16K ORM 1/10W 11/60K3 SMIRA RT, RB, R9 0603 RES-TINY 1 1.60K s0.1% 0400 RES 10X ORM 1/10W 11/60K3 SMIRA RT, RB, R9 0603 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 2 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 2 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 2 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 2 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 3 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R10, R11 0805 RES-SMALL 4 1.70 CONN HEADER 10 R11 10	GRN CON3 10K ±1%	LED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM	LED2 PWR R1_SST1, R1_SST2 R2_SST1, R2_SST2	LED2 PHE3_DISC 0603	LED_2 CON3 RES-TINY	1 1 1 4
1.60K x8.0 1% SND	GRN CON3 10K ±1%	LED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI	LED2 PWR R1_SST1, R1_SST2 R2_SST1, R2_SST2	LED2 PHE3_DISC 0603	LED_2 CON3 RES-TINY	1 1 1 1 1 1
IK 41%   RES 10.0K OHM	GRN CON3 10K ±1% 1.00K ±1%	LED 3MM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI	LED2 PWR R1_SST1, R1_SST2 R2_SST1, R2_SST2	LED2 PHE3_DISC 0603	LED_2 CON3  RES-TINY  RES-SMALL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IK 41%	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1%	EED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI	LED2 PWR R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3	LED2 PHE3_DISC  0603  0603	LED_2 CON3  RES-TINY  RES-SMALL  RES-TINY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
### RTO, ### RTO, ### 1   8805   RES-SMALL   2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1%	LED SMM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI PCM 1/10W 1% 0603 SMI RES 1.0K OHM 1/16W 1% 0603 SMI RES 1.0K OHM 1/16W 1% 0603 SMI	LED2 PWR R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3	LED2 PHE3_DISC  0603  0603	LED_2 CON3  RES-TINY  RES-SMALL  RES-TINY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PG-STROM-17-4R RAD AEROGEL SUPERCAP POWERSTORE-PB ELECTRO1 1  PB-SR04/17-4R RAD AEROGEL SUPERCAP POWERSTORE-PB ELECTRO1 1  UL SSTI, UL SST	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1%	ED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/16W 1% 0603 SMI RES 1.6K OHM 1/16W 1% 0603 SMD	LED2 PWR  R1_SST1, R1_SST2, R2_SST1, R2_SST1 R3 R4	LED2 PHE3_DISC  0603  0603  0603	LED_2 CON3  RES-TINY RES-SMALL RES-TINY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PB-SR04474-R RAD AEROGEL SUPERCAP POWERSTORE-PB ELECTRO1  U1 SST1, U1 SST2 U2 SST1, U2 SST2 U3 SST1, U3 SST2 U3 SST1, U3 SST2 U3 SST1, U4 SST2 U3 SST1, U4 SST2 U3 SST1, U4 SST2 U5 SST1, U5 SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1%	ED 3MM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/16W 1% 0603 SMI RES 1.6K OHM 1/16W 1% 0603 SMD	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3 R4 R5	LED2 PHE3_DISC  0603  0603  0603	LED_2 CON3  RES-TINY  RES-SMALL  RES-TINY  RES-TINY  RES-SMALL	1 1 4
PR-SR04774-R RAD AEROGEL SUPERCAP POWERSTORE-PR ELECTRO1 1    U	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1.60K ±1% 1.60K ±1%	LED SMM RT ANG LOW CUR GRN PCMNT RES 10.0K OHM 1/10W 1% 0603 SMI RES 1.00K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.6K OHM 1/10W 1% 0603 SMI RES 1.0K OHM 1/10W 1% 0603 SMI RES 1.0K OHM 1/10W 1% 0603 SMI	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS  RES-TINY  RES-SMALL  RES-TINY  RES-SMALL  RES-SMALL  RES-SMALL	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
UZ_SST1_UZ_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PWR  R1_SST1, R1_SST2 R2_SST1, R2_SST2 R3  R4  R5 R6, R7, R8, R9 R10, R11 RS485	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
U_SST1, U_SST2	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PPWR R1 SST1, R1 SST2, R2 SST1, R2 SST1, R2 SST1, R2 SST1 R3 R4 R5 R6, R7, R6, R9 R10, R11 RS485 SUPERCAP	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
CTEMP SENS	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PPWR  R1_SST1, R1_SST2, R2_SST1, R2_SST1, R2_SST1, R2_SST1, R2_SST1 R3  R4  R5  R6 R7, R8, R9 R10, R11  R5485 SUPERCAP	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
CTEMPSENS	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCMNT  RES 10.0K OHM 1/10W 1% 0603 SMI  RES 1.00K OHM 1/10W 1% 0603 SMI  RES 6.04K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  RES 1.0K OHM 1/10W 1% 0603 SMI  CONN HEADER 10 POS STRIGHT GOL CAPPACITOR 47° 5	LED2 PPWR R1_SST1, R1_SST2, R2 R2_SST1, R2_SST2 R3 R4 R5 R6, R7, R6, R9 R70, R11 R5485 SUPERCAP U_SST1, U_SST1	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
C. TUNK NEW 498 PT   C. TUNK	GRN CON3 10K ±1% 1.00K ±1% 6.04K ±1% 1.60K ±0.1% 1K ±1% 470 RS458	LED SMM RT ANG LOW CUR GRN PCANT  RES 10 0X CHM 110W 1% 0003 SM RES 1 0X CHM 110W 11% 0003 SM RES 1 0X CHM 110W 110W 110W 110W 110W 110W 110W 110W 110W	LED2 PPWR R1 SST1, R1 SST2, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 ST2, R3 R4 R5 R6, R7, R6, R9 R10, R11 R5485 SUPERCAP UL_SST1,	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603	LED_2 CONS RES-TINY RES-SMALL RES-TINY RES-SMALL RES-SMALL RES-SMALL HEADER 5X2	1 1 4
ADMASSEARZ 3.3 V 8.50/C U10 SOIC:1279609.8CM MAXA65 1 2.7 STATES GOAN-105U- IC SRIL EEPPOON 2.7 SOIC SRIL EEPPOON SOIC U11 SOIC:1279609.8CM AT25xxx 1 C8051F133 FLASH 64T0FP U12 DX120-64N (28051F133 1 C8051F133 FLASH 64T0FP U12 DX120-64N (28051F133 1 C8051G128 SOIC U13 SOIC:1279609.8CM DS1302 1 C8051G128 SOIC U13 SOIC:1279609.8CM DS1302 1 LTC1685CCMMPR COTAL 16-SSOP U14 SSOPH (18070W LM152EMF CREE TO D PREC 25NOPP 2 25 SO123-5 VREE SOIC-23-DBV LMM132 1	GRN CCN3 10X ±1% 1.00X ±1% 6.00K ±1% 1.60X ±0.1% 1K ±1% 470 RS458 PB-SR0V474-R	LED SMM RT PANG LOW CURRY CONTROL OF THE PANGE OF THE PAN	LED2 PPWR  R1_SST1, R1_SST2, R2_SST1, R2_SST1, R2_SST1, R2_SST2  R3  R4  R5  R6  R7, R8, R9  R10, R11  U1_SST1, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U3_SST1, U3_SST1, U3_SST3,	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603  POWERSTORE-P8	LED_2 CONS  RES-TINY  RES-SMALL  RES-TINY  RES-SMALL  R	1 1 2 1 1 1 1
2.7 164.27 V SOIC U11 SOIC T2F60-0-60M AT25xxx 1 C8051F133 FLASH 64T0FP U12 0X120-64N C8051F133 1 C8051F133 FLASH 64T0FP U12 0X120-64N C8051F133 1 C80	GIRN CON3 10X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±0.1% 1.00X	LED SMM RT ANG LOW CURR GRN PCANT  RES 10 0K CHM 110W 11/8 0603 SMI RES 1.00K CHM 110W 11/8 0603 SMI  CONN HEADER 10 POS STREAM CONN HEADER 10 POS STREAM A CHM 110W 11/8 0603 SMI  CONN HEADER 10 POS STREAM	LED2 PPWR  R1_SST1, R1_SST2, R2_SST1, R2_SST1, R2_SST1, R2_SST2  R3  R4  R5  R6  R7, R8, R9  R10, R11  U1_SST1, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U2_SST3, U3_SST1, U3_SST1, U3_SST3,	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603  POWERSTORE-P8	LED_2 CONS  RES-TINY  RES-SMALL  RES-TINY  RES-SMALL  R	1 1 2 1 1 1 1
C8051F133	GRN CON3 10K ±1% 1.0K	LED SMM RT ANG LOW CURR CRN PCANT  RES 10 0X CHM 110W 115 0603 SM RES 1 00X CHM 110W 115 0603 SM RES 10 0X CHM 110W 115 0603 SMD  CONN HEADER 10 0X 10W 115 0603 SMD  CONN HEADER 10 0X 10W 115 0603 CONN HEADER 10 0X 10W 115	LED2 PPWR  R1 SST1, R1 SST2, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 ST2, R3  R4  R5  R6, R7, R6, R9  R7, R8, R9  R84  R84  R85  R85  R85  R85  R85  R85	LED2 PHE3_DIBC  0603  0603  0603  0603  0603  0603  0603  0603  0603  MSOP10	LED_2 CONS  RES-TINY  RES-SIMALL  RES-TINY  RES-SIMALL  RES-SIMALL  RES-SIMALL  RES-SIMALL  RES-SIMALL  RES-SIMALL  RES-SIMALL  RES-SIMALL  AD17486A	1 1 2 1 1 1 1
Wicharcer 8	GIRN CON3 10X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±0.1% 1.00X	LED SMM RT PANG LOW CURRENT PANG LOW CURRENT PANG PANG PANG PANG PANG PANG PANG PANG	LED2 PPWR  R1 SST1, R1 SST2, R2 SST1, R3 SST2, R3 SST1, R	LED2 PHE3 DISC  9903  9903  9903  9903  9903  9903  9903  9905  IDC10  POWERSTORE-PB  MSOP10  SOIC127960-9CM	LED_2 CONS  RES-TINY  RES-SMALL  RES-TINY  RES-SMALL  RES-SMALL  RES-SMALL  RES-SMALL  RES-SMALL  ADT7486A  ADT7486A  MAX485	1 1 2 1 1 1 1
DS13022-TAR SOIC U13 SOIC12760-0-60M DS1302 1  LTC1665CGN#PBF OCTAL 16-SSOP U14 150mil) LTC1665CGN#PBF OCTAL 16-SSOP U14 150mil) LTC1665CGN 1	GRN CON3 10X ±1% 10X ±	LED SMM RT ANG LOW CURR GRN PCANAT  RES 10.0K OHM H100W 116 6003 SMI RES 1.0K OHM H100W 116 6003 SMI CONN HEADER 10 H003 SMI H003	LED2 PPWR  R1_SST1, R1_SST2, R2_SST1, R2_SST1, R2_SST1, R2_SST1, R2_SST1, R2_SST1, R2_SST1, R3_SST1, R	LED2 PHE3_DISC  0603  0603  0603  0603  0603  0603  0603  0605  IDC10  POWERSTORE-PB  MSOP10  SOIC127P600-8CM SOIC127P600-8CM	LED_2 CONS  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  ADDITABBA  ADDITABBA  ADDITABBA  AMAXABS  ATZSOXX	1 1 2 1 1 1 1
LTC1665CGN#PBF OCTAL 16-SSOP U14 150mil) LTC1665CGN 1 LM4132EMF- IG REF LDO PREC 25NOPB 2 5V 5V23-25 V VREF SOT-23-DBV LM4132 1	GIRN CCN3 10X ±1% 10X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±1% 1.00X ±0.1% 1.00X ±0.1	LED SMM RT ANG LOW CURR GRN PCANT  RES 1.00X CHM H100V 119 6003 SM RES 1.00X CHM H100V 119 600	LED2 PPWR  R1 SST1, R1 SST3, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 ST1, R3 S	LED2 PHE3_DIBC  0603  06	LED_2 CONS  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  ADIT/486A  ADIT/486A  AMX/485  ATZ500X  COS051F133	1 1 2 1 1 1 1
2.5/NOPB 2.5V SOT23-5 VREF SOT-23-DBV LM4132 1	GRN CON3 10X ±1% 10X ±	LED SMM RT ANG LOW CURR GRN PCANT RES 1.00K OHM 1100W 119 6003 SM RES 1.00K OHM 1100W 119 6003 SM CONN HEADER 1.00K OHM 1100W 119 6003 SM 1100W 119 6003 S	LED2 PPWR  R1 SST1, R1 SST3, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 ST1, R3 S	LED2 PHE3_DIBC  6603  66	LED_2 CONS  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  ADT7486A  ADT7486A  MAX485  AT250x  CR061F133	1 1 2 1 1 1 1
	GRN CCN3 10X ±1% 10X ±1% 10X ±1% 6.09C ±1% 1.60X ±0.1%	LED SMM RT ANG LOW CURR GRN PCANAT  RES 10.0K OHM H10W 119 6003 SMI RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI CONN HEADER 10 POS STROHT GOL RES 1.0K OHM H10W 119 6003 SMI RES 1.0K OHM H10W 119 6003 SMI RES 1.0K OHM H10W 119 6003 SMI	LED2 PPWR  R1 SST1, R1 SST3, R2 SST1, R3 SST1, R	LED2 PHE3_DIBC  6603  66	LED_2 CONS  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  RES-TINY  ADT7486A  ADT7486A  MAX485  AT250x  CR061F133	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LD2981CU33TR 100MA SOT-89 VREG1 3N LD2981CU33 1	GRN CCN3 10X ±1% 10X ±0.1% 1	LED SMM RT PANG LOW COMP.  RES 10.0K OHM 11.0W 119.0G 93.MI  RES 1.0K OHM 11.0W 119.0G 93.MI  CONN HEADER 10.MI 11.0W 119.0G 93.MI 11.0W 119.0G 93.	LED2 PPWR  R1 SST1, R1 SST2, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 SST1, R4 SST1, R5 SST1, R	LED2 PHE3_DIBC  6603  6603  6603  6603  6603  6603  6603  6603  6004  6005  6007  60	LED_2 CONS  RES-TINY  RES-SIMALL  RES-TINY  RES-SIMALL  RES-SIMALL  HEADER SX2  ELECTRO1  ADT7486A  MAX485  AT2500X  CQ0051F133  D81302  LTC1685CGN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MC-306 32.7680K-A CRYSTAL 32.7680K X1 MA-306 CRYSTAL_M309A 1	GIRN CCN3 10X ±1% 10X ±0.1%	LED SMM RT PANG LOW COMPANY TO ANY C	LED2 PPWR  R1 SST1, R1 SST3, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R2 SST1, R3 ST1, R4 ST1, R5	LED2 PHE3_DIBC  6603  66	LED_2 COMS  RES-TINY  RES-SIMALL  RES-TINY  RES-SIMALL  RES-SIMALL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1