OFFICE DOT   STATE	See 1 AN SECT SECT OF A SECTION	S. BLC S. B. C. C. S. B. C. C. S. C. C. S. C. C. S. C. C. S. C. C. C. S. C.	MOTOR RULE_F.3.  LICTO 80  LICTO 80  DF - 400-30005  BG03 - CAP  1000 - CAP  1200 - LID  1200 - CAP  1	SOCIAGE  11C7103  SOCIAGE  DF 40C-30-D5  GBM188871 C102X  4010  APP6402  CAPP6402  CAPP6402  CAPP6402  CAPP6402  CAPP6403	RREAR TECHNOLOGY HEOSE BECHIC CO Ltd  Marrata Electronics North America TDX Corporation	17.71 ORBANE APPER DF 40C(2 (2) 3005- 0.4W(51)  GRM15586224104K E1 40  GRM15586224104K E1 40  GRM2156756225614-7  GRM3188720105K A010  GRM218C72A105K GRM218C72A105K GRM218C72A105K	1 1 2 3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Newark  Digi-Key  Digi-Key  Digi-Key  Digi-Key  Digi-Key  Digi-Key  Digi-Key	USD  Loading  USD  USD  USD	\$000 \$000 20000 \$000	24AC4318 H11771TR-ND GRM188R71C102K A01D-ND 490-10458-2-ND 445-6007-2-ND	0 4000 0 270000 128000	40250 2680,94084 86,19701 2664,89774 327,43771	0.53619 0.53619 0.00431 0.53298	1000pF 0u1
Marie   Mari	AND SECTION OF THE SE	N. B. C.  MASK  C1. A. C1. B. C1. C.  22. C7. C13. C48  23.  24.  25.  26.  27.  28. C11. C47  29.  21.  21.  21.  21.  21.  21.  21.	MONOR PUBLIC 7.3  DI -40C-3005  0103-CAP  0402-CAP  1206-CAP	Socket  DF 40C-30-DS  GBM18B871C102X  PARTICLE  CAPP402  CAPP4CTOR-1206  9603YC104JATZA  CLD116X731A226A11  GBM18B8701105X  GBM2525715473X  GBM18B8701105X  GBM35287116473X  CAP6403	Murata Bictronics North America TOK Corporation Murata Bictronics North America Murata Bictronics North America Murata Bictronics North America Murata Bictronics North America	DF40C/2 (0)-3005-0. 44(51)  GRM155R62A104K E14D C2276SR11A107M 160-0.  6002YC104A72A C2276X751A226M1 60AC HMK2U587225K1-7 GRM188R70105K A01D 00AB	3 3 4 4 1 1	Digi-Kay Digi-Kay Digi-Kay Digi-Kay Digi-Kay	usd usd	20000 5000 5000	H11771TR-ND GRM188R71C102K A01D-ND 490-10458-2-ND 445-6007-2-ND	128000	2680,94084 86,19701 2664,89774 327,43771	0.53619 0.00431 0.53298 0.06549	0u1
OFFICE DOT   STATE	MASSIN COLD IN MASSIN	52, C7, C13, C68 53, C13, C68 54 55 56 56 57 58, C11, C47 57 57 51 51 51 51 51 51 51 51 51 51 51 51 51	0403-CAP 0402-CAP 1206-CAP 1206-CAP 1206-CAP 1206-CAP 0403-CAP	GBM188871C100X A010 CAPPG002 CAPPG002 CAPPG010A120A GB007C104A172A GBM1888701106X GBM258701106X GBM258701106X GBM2587211475X E14L CAPPG003	Murata Electronics North America TOK Corporation Murata Electronics North America Murata Electronics North America Murata Electronics North America	GRM155R62A104K E14D GZ216XSR1A107M 160AC 0603YC104JAT2A C3216X751A226M1 60AC HMK32587225KN-T GRM188R701105K A010 C1608K752A473K0 80AB	1 1 1 3	Digi-Kay Digi-Kay Digi-Kay Digi-Kay	usd usd	20000 5000 5000	GRM188R71C102K A01D-ND 490-10458-2-ND 445-6007-2-ND	128000	86.19701 2664.89774 327.43771	0.00431 0.53298 0.06549	0u1
100pg   100p	60F; 16V; 4-1  CCER 0.1UF  CCER 0.1UF  CCERN. 0.1 µF  CCERN. 0.1 µF  CCERN. 2.2 µ	52, C7, C13, C68 53, C13, C68 54 55 56 56 57 58, C11, C47 57 57 51 51 51 51 51 51 51 51 51 51 51 51 51	0402-CAP 1206-CAP 0403-CAP 0403-CAP 1206-1806 12106-1806 12106-1806 12106-12106 0403-CAP 12106-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706 1210-2706	A010  CAP0402  CAP0402  CAP04CITOR-1206  0603PC104JATZA  C3216X751A226M1  606X2  606X2	North America  TDK Corporation  AVX Corporation  TDK Corporation  Talyo Yuden  Murata Electronics  North America  TDK Corporation  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  North America	E14D	3 4 1 1 1 3	Digi-Key Digi-Key Digi-Key	usd usd	5000 5000	490-10458-2-ND 445-6007-2-ND	128000	2664.89774 327.43771	0.53298	0u1
General Content	YSY 0.002 C  CERM. 0.1 µF  3. CERM. 2.0 µF  3. J. SW, XTS  3. CERM. 2.2 µF  4. J. SW, XTS  3. CERM. 2.2 µF  5. J. SW, XTS  5. CERM. 2.2 µF  5. CERM. 2.2 µF  5. CERM. 2.2 µF  6. J. SW, XTS  6. J. SW, XTS  6. CERM. 2.2 µF  6. J. SW, XTS  7. J. SW, XTS	23 24 25 25 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1206-CAP 1206-CAP 1206-1806. 12106-1806. 12106-1806. 12106-CAP 0808-CAP 1210-12706. CAPC-10056.	CAPACITOR 1206 0603YK10MATZA CD2164751A226M1 66MC 18MK21587225KN-17 GRM1888701165K A0110 CAP0603 GRM22ER71K475K 614L CAP	North America  TDK Corporation  AVX Corporation  TDK Corporation  Talyo Yuden  Murata Electronics  North America  TDK Corporation  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  North America	E14D	1 1 3	Digi-Key Digi-Key	USD	5000 5000	445-6007-2-ND	128000	2664.89774 327.43771	0.53298	0u1 0.1uF
1000   1000	CEBM 61 pil.  CEBM 51 pil.  C. 158, XPR  C.	23 24 25 25 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1206-CAP 1206-CAP 1206-1806. 12106-1806. 12106-1806. 12106-CAP 0808-CAP 1210-12706. CAPC-10056.	CAPACITOR 1206 0603YK10MATZA CD2164751A226M1 66MC 18MK21587225KN-17 GRM1888701165K A0110 CAP0603 GRM22ER71K475K 614L CAP	TDK Corporation  AVX Corporation  TDK Corporation  Tailyo Yuden  Murata Electronics  North America  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  Murata Electronics  Morth America	C3216XSR1A107M.  160AC  0603YC104JAT2A  C3216X7S1A226M1  60AC  HMK32587225KN-T  GRM188R70J105K  A01D  C1608X752A473K0  80AB	1 1 3	Digi-Key Digi-Key	USD	5000 5000	445-6007-2-ND	128000	2664.89774 327.43771	0.53298	0.1uF
March   Marc	3 C. CERMA 2.9 L. C. CERMA 1.9 L. V. A. 7.00, X75	210 212 214 215, C17 216, CAN1, 116, CAN2, 216, CAN3	1206_180L 1210L 0603-CAP 0603-CAP 0805-CAP 1210_270L CAPC1005L 0603-CAP	C3216X7S1A226M1 e0AC  HMK325B7225KN-T  GRM188R70J105K A01D  C1608X7S2A473K0 80AB  CAP0603  GRM322R71K475K E14L  Cap  CAP0603	TDK Corporation Talyo Yuden Murata Electronics North America  TDK Corporation Murata Electronics North America Murata Electronics North America	C3216X7S1A226M1 60AC HMK325B7225KN-T GRM188R70J105K A01D C1608X7S2A473K0 80AB	1 1 3	Digi-Key			478-3726-1-ND	131688			0.1uF
10   10   10   10   10   10   10   10	V, -1-209, X7S   CF CERM, 2.2 μF   V, -1-109, X7S   CF CERM, 2.2 μF   V, -1-109, X7S   CF CERM, 11 μF   V, -1-109, X7S   CF CERM, 10 μF   V,	210 212 214 215, C17 216, CAN1, 116, CAN2, 216, CAN3	1210L 0603-CAP 0603-CAP 0805-CAP 1210_220L CAPC1005L 0603-CAP	e0AC  HMK325B7225KN-T  GRM188R701105K A01D  C1608X752A473K0 80AB  CAP0603  GRM322R71K475K E14L  Cap  CAP0603	Taiyo Yuden  Murata Electronics  North America  TDK Corporation  Murata Electronics  North America  Murata Electronics  North America	60AC HMK325B7225KN-T GRM18BR70J105K A01D C1606K7S2A473K0 80AB	1 3		USD						
Dec.   Col.	/V, -f-10%, 12100 (1) 1210	210 212 214 215, C17 216, CAN1, 116, CAN2, 216, CAN3	1210L 0603-CAP 0603-CAP 0805-CAP 1210_220L CAPC1005L 0603-CAP	GRM188R7Q1105K A01D C1668K7S2A473K0 80AB CAP0603 GRM32ER71K475K E14L Cap CAP0603	Taiyo Yuden  Murata Electronics  North America  TDK Corporation  Murata Electronics  North America  Murata Electronics  North America	GRM188R70J105K A01D C1608X7S2A473K0 80AB	3			5000	445-8035-1-ND	1736	1650.97375	0.33019	22uF
Control   Cont	CCERM 19F, V, -1 10%, 0.6033 C CERM 20 -1 100 V, V, -1 10%, 0.6033 C C CERM 20 -1 100 V, -1 100	210 212 214 215, C17 216, CAN1, 116, CAN2, 216, CAN3	0603-CAP 0603-CAP 0805-CAP 1210_2704 CAPC10054 0603-CAP	GRM188R7Q1105K A01D C1668K7S2A473K0 80AB CAP0603 GRM32ER71K475K E14L Cap CAP0603	Murata Electronics North America TDK Corporation Murata Electronics North America Murata Electronics North America	GRM188R70J105K A01D C1608X7S2A473K0 80AB	3	Diel Ken	USD	5000	587-1778-1-ND	701832	935.45144	0.18709	2.2uF
PartNumber 11 11 11 12 12 12 12 12 12 12 12 12 12	7, ESM, 0017 (100 y. +7 100 y8) (000 y7 100 y7 100 y8) (000 y7 100 y7	210 212 214 215, C17 216, CAN1, 116, CAN2, 216, CAN3	0805-CAP 1210_270L CAPC1005L 0603-CAP	C1608X7S2A473K0 80AB CAP0603 GRM32ER71K475K E14L Cap CAP0603	TDK Corporation  Murata Electronics  North America  Murata Electronics  North America	80AB	1		030			701032			2.201
11	O CER 1 LIF 1 6 V (10603 ) (10	216_CAN1, 216_CAN2, 216_CAN3	0805-CAP 1210_270L CAPC1005L 0603-CAP	CAP0603 GRM32ER71K475K E14L Cap CAP0603	Murata Electronics North America Murata Electronics North America		1	Lingi-Kûy	USD	15000	490-3898-1-ND	3064	1878.94424	0.12526	1uF
CAP C C C C C C C C C C C C C C C C C C	, CERN, 4.7 µF, , +/- 10%, X7R, 0 CER 1000PF (X7R 0402 C CER 22 UF 10% X65 0603 C 0 CER 1UF 6.3V 0 CER 0.1UF YSV 0.402 C	216_CAN1, 216_CAN2, 216_CAN3	1210_270L CAPC1005L 0603-CAP	GRM32ER71K475K E14L Cap CAP0603	North America Murata Electronics North America	E01L		Digi-Key	USD	5000	445-6032-1-ND	11275	221.47402	0.04429	0.047uF
Part	0 0 CER 10000PF (X7R 0402 C C C C C C C C C C C C C C C C C C C	216_CAN1, 216_CAN2, 216_CAN3	CAPC1005L 0603-CAP CAPC1005L	Cap CAP0603	North America	GRM32ER71K475K	1	Digi-Key	USD	5000	490-14464-2-ND	0	625.56211	0.12511	1u
CAP CE  CAP CE	2 CER 2.2UF 1 10% X6S 0603 C 2 CER 1UF 6.3V C 0.0402 C 2 CER 0.1UF 1/SV 0.402 C	216_CAN1, 216_CAN2, 216_CAN3	0603-CAP CAPC1005L			E14L CGA2B3X7R1H103	1	Digi-Key	USD	5000	490-9972-1-ND	101183	2269.72249	0.45394	4.7uF
CAP CE 16V YS  CAP CE 15V 02 0.11F 16V 05 16	P CER 0.1UF P YSV 0402 C			0	TDK Corporation	K050BB C1608X6S1C225K0 80AC	1	Digi-Key Digi-Key	USD	5000	445-6893-1-ND 445-7438-1-ND	560617 28337	86.94965 722.29606	0.01739	10nF 2u2
CAP CE 16V YS  CAP CE 15V 02 0.11F 16V 05 16	P CER 0.1UF P YSV 0402 C			Cap	Taiyo Yuden	JMK105BJ105KVHF	2	Digi-Key	usp	15000	587-3766-1-ND	125333	227.81204	0.01519	106
15V 02 0.1 UF 1 CAP 02 15V 02 0.1 UF 1 CAP 02 0.1 UF 1 CAP 02 15V 02	CER 0.1UF 6V			CAP0402	Yageo	CC0402ZRYSV7B81 04	1	Digi-Key	USD	5000	311-1047-1-ND	1620769	16.6769	0.00334	Ou1
CAP CE YSV 02 0.1UF CAP CE YSV 02 0.1UF CAP CE YSV 02 0.1UF	0201, CAP CER C UF 6V Y5V 0201. C	219, C26, C27, 228, C32, C33, 334, C35, C36,													
0u1 CAP CE 16V YS	Y5V 0402 C	37, C38, C45_A, C45_B, C45_C, C52	0201-cap	CAP0402	Murata Electronics North America	GRM033C81E104M E14D	15	Digi-Key	USD	75000	490-10404-2-ND	0	715.99766	0.00955	
Can	oacitor C	220, C21, C22, 223, C24, C25, 229, C30, C31, C46	CAPC5750L	Can	TDK	CGA9P3X7S2A156 M250KB	40	Newark	USD	50000	90X3236		173500	3.47	15uF
	CER 8PF 50V 0 0201			-mp	TDK Murata Electronics	M250KB GRM0335C1H8R0	10					0			- Jur
GRM21BR60G107		239, C40	0201-cap	CAP0402	North America Murata Electronics	GRM21BR60G107	2	Digi-Key	USD	10000	490-13331-1-ND	31411	28.60029	0.00286	
ME15L CAP OF	CER 2u2uF 6V	241, C42	C0805	Capacitor	North America Murata Electronics	ME15L GRM033R60J225M	2	Digi-Key	USD	10000	490-10510-1-ND	1866	4478.28313	0.44783	100uF
2u2 Y5V 02 CAP CE	0201 C CER 22UF	243, C44	0201-cap	CAP0402	North America	E15D	2	Digi-Key	USD	10000	490-13224-1-ND	799320	561.31048 2099.626	0.05613	
	V XSR 0402 C	249	0201-cap	CAP0805	AVX Corporation  Murata Electronics	04026D226MAT2A GRM035R60J475M	1	Digi-Key	USD	10000	478-9839-2-ND	10000		0.20996	
4u7 6.3V X	V XSR 0201 C	250	0201-cap	CAP0603	North America Murata Electronics	E15D GRM033R60J105M	1	Digi-Key	USD	10000	490-13230-2-ND	120000	999.18811	0.09992	
1u XSR 02	0201	CAN_CAN1,	0201-cap	CAP0603	North America JST Sales America	EA2D	1	Digi-Key	USD	15000	490-7229-2-ND	4170000	272.73272	0.01818	
Diodo		CAN_CAN1, CAN_CAN2, CAN_CAN3	JST_GH_V4	JST_GH_V4	Inc.	BM04B-GHS- TBT(LF)(SN)(N)	3	Digi-Key	USD	15000	455-1580-2-ND	145000	2752.99615	0.18353	
PartNumber 123FL	-	01	SOD-123FL	MBR1H100SFT3G DIODE-	ON Semiconductor	MBR1H100SFT3G	1	Digi-Key	USD	5000	MBR1H100SFT3GO SCT-ND	2038	2070.19385	0.41404	100V
diode 30V 0 t	DE SCHOTTKY 10.03A SOD323 D IFIL (Capacitor e) Single Circuit e for Signal	02 Filter	SOD323 NFM18CC	SCHOTTKY_SOD32 3 NFM18CC222R1C3	ON Semiconductor Murata Electronics North America	RB751V40T1G NFM18PC225B1A3	1	Digi-Key Digi-Key	USD	5000	RB751V40T1GOSC T-ND 490-6972-1-ND	76516 14312	323.67452 832.8152	0.06473	30V 2.2uF
Drum (	uctor, Shielded im Core,														
Ferrite	rite, 15 µH, 1.1 0.122 ohm, SMD L scription FIXED	.1	SD53	SD53-150-R	Eaton	SD53-150-R	1	Digi-Key	USD	5000	513-1458-1-ND	13071	3702.19316	0.74044	15uH
732-3880-2-ND MOHN	18UH 7.5A 22 HM SMD L	2	WE_IND	SD53-150-R	Wurth Electronics Inc.	7443551181	1	Digi-Key	USD	5000	732-3880-2-ND	400	14639.94377	2.92799	18uH
JST_SUR_6 SMD, 1	00	P106 D1_A, O1_B, O1_C, D2_A, O2_B, O2_C,	JST_SUR_H6	JST_SUR_6	JST Sales America Inc.	SM06B-SURS- TF (LF)(SN)	1	Digi-Key	USD	5000	SM068-SURS- TF(LF)(SN)-ND	0	2348.86845	0.46977	
MOSFET-N MOSFE	channel C	05_A, Q5_B, Q5_C, 06_A, Q6_B, Q6_C	Q5B	MOSFET-N	Texas Instruments	CSD19502Q58	12	Digi-Key	USD	60000	296-37194-1-ND	1013	81969.07598	1.36615	
DHM 5% 1/16W OHM 5	SMID 120 R M 5% 1/16W R 2 R	R1_CAN1, R1_CAN2, R1_CAN3, R15_CAN1, R15_CAN2, R15_CAN3	R0402	Resistor	Yageo	RC0402JR-07120RL	6	Digi-Koy	USD	30000	311-120JRTR-ND	520000	39.69182	0.00132	120R
OHM 5% 1/16W OHM 5 0402 0402	M 5% 1/16W 2 R	12, R8	0402-RES	Resistor	Yageo	RC0402JR-0710KL	2	Digi-Key	USD	10000	311-10KJRTR-ND	5800000	15.05279	0.00151	10K
2W, 0.	, 0.001R 5025 rent sense	R3 A R3 B R3 C	4RESC5125X09N	WSLP20101L000FE	Stackpole Electronics Inc.	CSNL2010FT1L00	9	Digi-Key	USD	15000	CSNL2010FT1L00CT	5338	3454.4956	0.2303	0.001R
RES 2K 1/16W	2K OHM 6W 1% 0402 R	R4, R5, R11, R12,		RESISTOR0402-RES	and a second second		3			13000		5338	J-104-41/08	0.2303	
PartNumber 0.1 W,	i, 28.0 k, 1%, W, 0603 R	86	0402-RES 0603L	CRCW060328K0FK EA	Vishay Dale	CRCW060328K0FK EA	1	Digi-Key Digi-Key	Loading USD	5000	311-2.0KLRCT-ND 541-28.0KHCT-ND	37711	30.06596	0.00601	28.0k
N2 239	i, 8.45 k, 1%, W, 0603 R SMD 18K	27	0603L	CRCW06038K45FK EA	Vishay Dale	CRCW06038K45FK EA	1	Digi-Key	USD	5000	541-8.45KHCT-ND	1519	30.06596	0.00601	8.45k
OHM 1 RES 0805	M 1% 1/8W R	R9_A, R9_B, R9_C, R16	R0805	R00155	Yageo	RC0805FR-0718KL	4	Digi-Key	USD	20000	311-18.0KCRCT-ND	285159	74.78858	0.00374	18k
RES 10	10K OHM	R10_A, R10_B, R10_C, R18	R0805	R00095	Yageo	RC0805FR-071KL	4	Digi-Key	USD	20000	311-1.00KCRCT-ND	7474109	74.78858	0.00374	1k
10K SMD		219	0402-RES	RESISTOR0402-RES		RC0402FR-0710KL	1	Digi-Key	USD	5000	311-10.0KLRCT-ND	17667985	10.53695	0.00211	
1K 1/16W	6 1K OHM 6W 1% 0402 R	120	0402-RES	RESISTOR0402-RES		RC1005F102CS	1	Digi-Key	USD		1276-3430-1-ND	792252	10.22005	0.00204	1K
VL53L0X DRV8323R	-	TOF I1	VL53L0X PQFP-G48	VL53L0X DRV8323R	STMicroelectronics Texas Instruments	VL53L0CXV0DH/1 DRV8323RHRGZR	1	Digi-Key Digi-Key	USD	5000 5000	497-16538-2-ND DRV8323RHRGZR- ND	5000	13921.33168 13944.38621	2.78427 2.78888	
DRV8323R STM32F769AI STM32	432F7 U	J2	POFP-G48 WLCSP180	STM32F769AI	Texas Instruments STMICROELECTRO NICS	DRV8323RHRGZR STM32F769AIY6TR	1	Digi-Key Newark	USD		ND 84Y8745	0	13944.38621	2.78888	
CAN	U	J3_CAN1, J3_CAN2, J3_CAN3	SON65P300X100_H S-9N	CAN	NXP USA Inc.	TJA1051TK/3,118	3	Digi-Key	USD	15000	568-8686-2-ND	54000	5809.38517	0.38729	
MA700 MA700		14		MA700	Monolithic Power Systems Inc.	MA700GQ-Z	1	Digi-Key	USD	5000	MA700GQ-Z-ND	0	14410.74529	2.88215	
ICM20649	u	J5	ICM20649	ICM20649	Supplier disabled	Supplier disabled	1	Octopart	Supplier disabled		Distributors Inc				
	EG LDO 1.8v I 2.8v U	16	NCV8154	NCV8154	ON Semiconductor	NCV8154MTW1802 80TCG	1	Digi-Key	USD	5000	NCV8154MTW1802 80TCGOSTR-ND LTC4316IDD#PBF-	0	1561.25122	0.31225	
LTC4316 Crystal Oscillator CRYSTA in SMD 1.6 x 1.2 8PF SM	STAL 24MHZ SMD X	J7	LTC4316 OSCILLATOR- 1.6x1.2	LTC4316 OSCILLATOR- 3.2X2.5	Linear Technology TXC CORPORATION	LTC4316IDD#PBF 8D-24.000MEEV-T	1	Digi-Key Digi-Key	USD	5000	ND 887-1846-2-ND	991	10984.96882 4948.60348	2.19699	