



















2	Description MLCC 1uF 0503 XSR 10V	Manufacturer Murata	Part Number GRM188RS1A105KA61	Footprint 3-0503	У
	MLCC 15pF 0603 C0G 50V	Murata	GRM1885C1H150JA01D	3-0603	Ï
CA, CISA, CISS, CIS2, CIS3	Al Elec 100uF CaseD 16V	Panasonic	EEEFKICIOIP	AL_ELEC_SMD_D	
C5, C6 C7, C133, C134,	MLCC 0.10uF 0603 X7R 50V	Munts	GRM188R71H104KAQ3D	3-0603	Ï
C7, C133, C134, C135, C136, C141, C142, C143, C144	MLCC 2.24F 1206 X7R 50V	Musta	GRM31CR71H225KABBL	8-1206	L
C32, C33, C34,	MLCC 100eF 0503 X7R 16V	Monte	CONTRACTICIONAL PAR	2000	Ι.
C10, C17, C26	MLCC 4.7uF 0603 XSR 6.3V	Musta	GRM188R80J479KE19	3-0603	
CII	MLCC 330pF 0603 COG 50V	Musta	GPM1885C1H331JA01	3-0003	
C12, C14, C15, C16, C18, C19, C21, C21, C22, C23, C24, C25, C36, C30, C41, C42, D33, C44, C47, C32, C53, C56, D32, C53, C56, D32, C71, C74, C75, C76, C80, C81, C84, C137, C138, C139, C140, C146, C146, C147, C148	BLOC HAP GROUND KINN		GROUP TO THE TOTAL TO		H.
C24, C25, C36, C60, C41, C42					
CA3, C44, C47, C52, C53, C56.					
DS2, OS3, CS6, DS9, C71, C74.					
C75, C78, C80, C81, C84, C137,					
C138, C139, C140, C145, C146, C147,					_
C148 C27, C29	MLCC 100eF 0402 XTR 16V MLCC 10eF 0603 XTR 50V	Musta Musta	GRM155R71C104KA68 GRM158R71H103KA01	3-0603	30
C31 C37, C38	MLCC 2.2uF 0603 XSR 10V MLCC 33uF 0603 COG 50V	Musta	GRM188R61A225KE34 GRM1885C1H330JA01	3-0603	ľ
	MECCE SUPP ORUS COOK SUV	WUSCS	GAMINESCIPICALIANT	3-0603	ď
DIS, C46, C67, C68, C89, C90, C95, C96, C101, C102, C107, C108, C113, C114, C119, C120, C125, C126, C131, C132					
C113, C114, C119, C120, C125, C126					
C131, C132 C48, C49, C50	Al Elec 10uF CaseS 16V	Panasonic	EEEFK1C100R	AL_ELEC_SMD_B	20
CHS, CHS, CSO, CS1, CS4, CS5, C70, C72, C73, C76, C77, C91, C92, C103, C104, C115, C116, C127, C128					
C76, C77, C91, C92, C103, C104,					
C115, C116, C127, C128	MLCC 10000pF 0402 XTR 25V	Murata	GRM155R71E103KA01D	2-0402	11
C57, C59, C61, C79	Al Elec 4.7uF CaseB 35V MLCC 2.2uF 0603 XSR 10V	Panasonic	EEEFKIV4R7R GRM1885CIHQ22JA01	AL_ELEC_SMD_B 3-0603	Ĭ
C85, C86, C87,	MLGC 220F 0003 XSK 10V	MUSICA	GAMPIBESC1PG2223AU1	3-0603	Ť
C85, C85, C87, C88, C97, C96, C99, C100, C109, C110, C111, C112, C121, C122, C123,			1		
	MLCC 470pF 0503 COG 50V	Murata	GRM1885C1H471JA01D	3-0603	- 11
093, 094, 0165, 0105, 0117, 0118, 0129, 0130	Townston Communication 2000at				_
C129, C130	0402 CDG 10V	Munta	GRM1587U1A272JA01D	2-0402	-
D2	LED, GREEN, 0603 LED, GREEN, 0603	Kingbright Kingbright	APT 1608CGCK APT 1608CGCK	LED_0603	H
D3	LED, GREEN, 0603	Kingbright	APT 1608CGOX	LED_0603	
DS DS	LED, GREEN, 0603 LED, GREEN, 0603	Kingbright Kingbright	APT 1608CGCK	LED_0603	H
FB1, FB2				3-0603	
н	Molex connector IDC Bosed Header, Right Angle,	Molex	0026013115	MOLEXP4	Ë
п	IDC Bosed Header, Right Angle, PCB Mount, Polensed, 20 Way, 2x10, 0.1" Pitch	Sulins	SEH11-PEPCO10-RAEK	HEADER-2X10- 100ml	
л		Sulins	SPH11-PEPCO10-ST-BK	HEADER-2X10- 100HE_STRAKEHT	
и	USB 2.0 connectors Connecteurs USB 2.0	Lumberg	2411 02	787924	
.5 8 7 8 8 17				5J-3524-SMT	
JS, J7, JB, J9, J10, J11, J12, J13	Donas Industry 2 5-44 6 44			RJII	
ы	Power Inductor, 2.2uH, 0.7A, 260mR DCR	Talyo Yuden	CBC2016T2R2M	Inductor	
12	DCR	Musta	LOHHIPNORSMP0	NDUCTOR_1515	
MTH3, MTH4				Mounting Hole	Ē
R1 R2	RES 21k 0603 1% RES 24 9K 0603 1%	ROHM	MCROSEZPFX2102 MCROSEZPFX2493	3-0603	Ε
HZ HZ, RS, R13, R20, R23, R35, R35, R73, R75, R76, R77, R89, R91, R82, R93, R105, R107, R108, R109, R121, R123, R124, R135, R124,	-				П
R73, R75, R76, R77, R89, R91.	1	1	1		
R92, R93, R105, R107, R108, R109	1	1	1		
	RES 10k 0603 1%	RCHM	MCROSEZPFX1002	3-0603	22
RA, RS, R21, R38, R29, R40	RES 1k 0603 1%	ROHM	MCR03EZPFX1001	3-0603	-
RS	RES 200R 0603 1%	ROHM	MCR03E2PFX2000	3-0603	
R71, R84, R85,					
R7, R68, R69, R70, R71, R84, R85, R86, R87, R100, R101, R102, R103, R116, R117, R118,			1		
	RES 634R 0603 1%	ROHM	MCR03EZPFX6340	3-0603	17
RS, R15 R10, R18	RES 1.8k 0603 1% RES 6.8k 0603 1%	ROHM	MCROSEZPFX1801 MCROSEZPFX6801	3-0603	
RIU, KIS RII	RES 2.2R 0503 1%	ROHM	MCR03E2P10901 MCR03E2P12R2	3-0603	E
R12	RES 1.5k 0603 1%	ROHM	MCR03EZPFX1501	3-0603	Ξ
R14, R24, R25,		1	1		
R14, R24, R25, R25, R27, R26, R29, R30, R31,					
R14, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37,					
R14, R24, R25, R26, R27, R26, R29, R30, R31, R32, R33, R34, R35, R36, R37, R41, R42, R43, R46, R47, R48,	DES 33D 0003 (**	DOM	METRO METRO NATIONAL PROPERTY	1,000	_
R14, R24, R25, R26, R27, R26, R28, R30, R31, R32, R33, R34, R35, R36, R37, R41, R42, R43, R46, R47, R46, R40, R50, R51	RES 33R 0803 1% RES 47k 0803 1%	RCHM RCHM	MCROSEZPFXSSR0 MCROSEZPFX4702	3-0603 3-0603	2
R14, R24, R25, R25, R27, R28, R29, R30, R31, R32, R33, R34, R32, R35, R37, R41, R42, R43, R46, R47, R48, R49, R50, R51 R16, R17, R19 R16, R17, R19	RES 33R 0003 1% RES 8/R 0003 1% RES 8/R 0003 1% DES 2 3/R 0003 7%	ROHM ROHM ROHM	MCR003E29F74C3R0 MCR003E29F94F02 MCR003E29F950801 MCR003E29F950801	3-0603 3-0603 3-0603	2
R22 R44 R45. R52. R54		ROHM ROHM ROHM ROHM	MCROSE29FXCSR6 MCROSE29FXAT02 MCROSE29FXAT02 MCROSE29FXAT00 MCROSE29FXAT00	3-0603 3-0603 3-0603 3-0603 3-0603	2
R22 R44 R45. R52. R54		ROHM ROHM ROHM ROHM	MICROSE.29FX-03R0 MICROSE.29FX-04T02 MICROSE.29FX-0001 MICROSE.29FX-0001 MICROSE.29FX-04T00	3-0003 3-0003 3-0003 3-0003 3-0003	2
R22 R44 R45, R52, R54 R56, R57, R56, R59, R60, R61, R92, R63, R64, B64, B64, B47		ROHM ROHM ROHM ROHM ROHM	MURROLE 2PP XXXIII  MURROLE 2PP XXXIIII  MURROLE 2PP XXXIIII	3-0603 3-0603 3-0603 3-0603 3-0603	20
R22 R44 R45, R52, R54 R56, R57, R56, R59, R60, R61, R92, R63, R64, B64, B64, B47	RES 8k06 0003 1% RES 2 2M 0003 5% RES 470R 0003 1%	RCHM RCHM RCHM RCHM RCHM	MUTRODE ZPPYACISHO MUTRODE ZPPYACISH	3-0603 3-0603 3-0603 3-0603 3-0603	20
R22 R44 R45, R52, R54 R56, R57, R56, R59, R60, R61, R92, R63, R64, B64, B64, B47	RES 8k06 0003 1% RES 2 2M 0003 5% RES 470R 0003 1%	RCHM RCHM RCHM RCHM RCHM	MERIODE ZPPYACHER  MERIODE ZPPYACHOZ  MERIODE ZPPYACHOZ  MERIODE ZPPYACHOZ  MERIODE ZPPYACHOZ  MERIODE ZPPYACHOZ  MERIODE ZPPYACHOZ	3-6603 3-6603 3-6603 3-6603 3-6603	20
R22 R44 R55, R52, R54 R50, R51, R55, R50, R60, R61, R62, R65, R67 R72, R74, R62, R83, R88, R90, R90, R104, R106, R114, R115, R120, R122, R120,	RES 8k06 0003 1% RES 2 2M 0003 5% RES 470R 0003 1%	RCHM RCHM RCHM RCHM RCHM RCHM	ALTIOSEZYPXXXW ALTIOSEZYPXXXW ALTIOSEZYPXXW ALTIOSEZYPXXW ALTIOSEZYPXXW ALTIOSEZYPXXW ALTIOSEZYPXXW ALTIOSEZYPXXW	3-0003 3-0003 3-0003 3-0003 3-0003	12
R22 R44 R55, R52, R54 R50, R51, R55, R50, R60, R61, R62, R65, R67 R72, R74, R62, R83, R88, R90, R90, R104, R106, R114, R115, R120, R122, R120,	RES 8/06 0003 1% RES 2 3M 0003 9% RES 470R 0003 1%	ROHM ROHM ROHM	MCRODE.29934061 MCRODE.2993.4700 MCRODE.2993.4700 MCRODE.2993.4701	3-0603 3-0603 3-0603 3-0603 3-0603 3-0603	
R72, R74, R82, R83, R88, R90, R98, R99, R104, R106, R114, R115, R120, R122, R130,	RES 8/06 0003 1% RES 2 3M 0003 9% RES 470R 0003 1%	ROHM ROHM ROHM	MCRODE.29934061 MCRODE.2993.4700 MCRODE.2993.4700 MCRODE.2993.4701	3-0603 3-0603 3-0603 3-0603 3-0603 3-0603	
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/06 0003 1% RES 2 3M 0003 9% RES 470R 0003 1%	ROHM ROHM ROHM	MCRODE.29934061 MCRODE.2993.4700 MCRODE.2993.4700 MCRODE.2993.4701	3-0603 3-0603 3-0603 3-0603 3-0603 3-0603	
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-0603 3-0603 3-0603 3-0603 3-0603 3-0603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-0003 3-0003 3-0003 3-0003 3-0003 3-0003	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 3-6603 3-6603 3-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6663 3-6663 3-6663 3-6663 3-6663 3-6663	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-0003 3-0003 3-0003 3-0003 3-0003 3-0003	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 3-6603 3-6603 3-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 3-6603 3-6603 3-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 3-6603 3-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 5-6603 5-6603 5-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-0603 5-0603 5-0603 5-0603 5-0603 3-0603	10
R22 R44 R45, R32, R54 R95, R93, R95, R91, R92, R93, R95, R95, R93, R94, R95, R94, R95, R93, R94, R94, R95, R14, R15, R13, R93, R13, R93, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R95, R13, R94, R13, R13, R14, R13, R13, R14, R13, R14, R14, R15, R11, R12, R13, R15, R13, R13, R12, R12, R13, R12, R13,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-6603 3-6603 3-6603 3-6603 3-6603 3-6603	10
R22 R44 R45, R32, R54 R95, R97, R55, R92, R93, R95, R92, R93, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	GEROLE EPPROPRI  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO  MERCOLE EPPSAFTO	3-0603 3-0603 3-0603 3-0603 3-0603 3-0603	10
R22 R44 R45, R32, R54 R95, R97, R55, R92, R93, R95, R92, R93, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95,	RES 8/05 0003 1% RES 2/24 0003 5% RES 4/74 0003 1% RES 4/74 0003 1%	ROHM ROHM ROHM	CONSUMPRIORITY  WORKER THE STATE OF T	3-0003 3-0003 3-0003 3-0003 3-0003 3-0003	10
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1922 1923 1924 1925 1926 1926 1926 1926 1926 1926 1926 1926	100 State Cost 115  100 St	SOURCE STATE OF THE STATE OF TH	CONSUMPRIORIS  APPLICATION OF THE PROPERTY OF	PTNT8000W TSGP65P640-8AL S0T23-5AL_MC0(1- 97) GFN-124 S0T23-59L_MC0(1- 97)	10
1922 1923 1924 1925 1926 1926 1926 1926 1926 1926 1926 1926	TES AND GOOD TO.  THE CONTROL OF THE	SCHIED STATE OF THE STATE OF TH	CONSECTIONS  CONSECTION  CONSE	PTN78000W TSGP65P640-844 S07123-544_MCD(1- 67) GPN-124 S07122594_MCD(1- 67) S07363-64	10
1922 1923 1924 1925 1926 1926 1926 1926 1926 1926 1926 1926	TES AND GOOD TO.  THE CONTROL OF THE	SOURCE STATE OF THE STATE OF TH	CONSUMPRIORIS  APPLICATION OF THE PROPERTY OF	PTNT8000W TSGP65P640-8AL S0T23-5AL_MC0(1- 97) GFN-124 S0T23-59L_MC0(1- 97)	10
100 THE STATE OF T	100 B AND GOOD TO.  100 C 2 2 20 0000 TO.  100 C 2	SOURCE STATE OF THE STATE OF TH	CONSUMPRIORIS  APPLICATION OF THE PROPERTY OF	PTN78000W TSCPESP640-8AL S0723-8AL_MC0(H- 97) GPN-124 S0723-89L_MCU(H- 97) S0735-6L MLP-6-LEAG- 30Gmm	10
	THE AMERICAN COUNTY AND ADMINISTRATION OF THE AMERICAN COUNTY AND ADMINI	SCHOOL SC	CONSIDERACIÓN PORTOCIONADO PORT	PTNT8000W TSOPESP60-8A. S012358_M00(1-07) 07N-124 S012358_M00(1-07) S01363-6L MLP-6-LEAD-30Gms S012356_M00(1-07)	10
	THE AMERICAN COUNTY AND ADMINISTRATION OF THE AMERICAN COUNTY AND ADMINI	SOSIA	CONSUMPRIORI  CO	PTH/18000W TSCPRSP640-6AL S0723-SAL_MCQT- 070 G7N-124 S0723-SAL_MCQT- 507363-6L MR.P-6-LEAD- 3330mm S0723-SAL_MCQT- 677 G7N-234 S0723-SAL_MCQT- 677 G7N-234-GNCQT- 677 G7N-234-GNCQT- 677 G7N-234-GNCQT- 677 G7N-234-GNCQT-	10
	THE AMERICAN COUNTY AND ADMINISTRATION OF THE AMERICAN COUNTY AND ADMINI	RODAL	POINTED   POINTED	PTKT0000W TSCPRSP640-8AL S0723-SAL_MODIT- 07) GON-124 S0723-SAL_MODIT- 07) S0730-8-8L MP-6-LEAD- 30-88L S07305-8L	10
	100 B AND GOOD TO.  100 C 2 2 20 0000 TO.  100 C 2	SOSIA	CONSUMPRIORI  CO	PTN78000W TSCPESPERO &A. SOT375AL_MODQ1 SOT375AL_MODQ1 SOT375AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT355AL_MODQ1 SOT35AL_MODQ1 SOT35AL_MODQ1 SOT35AL_MODQ1 SOT35AL_MODQ1 SOT35AL_MODQ1 SOT35AL_MODQ1	10
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