comment	Description 75dBH(120Hz) 1A 1.25VH(1A) ±1257H(1j) Fixed 3.3V-3.3V Positive 1	Designator	Footprint	LibRef	Quantity	Mr. Part #	Manufacturer	LCSC Part #	Package	Packaging	Value
	20V SOT-89 Linear Voltage Regulators	A1	SOT89-150P350X150- 3N	IC7	1	AM51117-3.3	YONGYUTAI	C2904742	SOT-89		
	(LDO) ROHS 920V 42.3J										
0D561K	350V 504V-616V 2.5kA Plugin Variators ROHS	61	100561K	100561K	1	100561K	Hongrhi Elec	C113236	Plugin		
IU9.8Y-10MH	10mHW1kHz 1.20 2 500mA 50V Plugin Common Mode Filters ROHS	BI2	UU9EY10MH	UU9.0Y-10MH	1	UU9.EY-10MH	PH (Guangdong Fenghua Advanced Tech)	C75192	Plugin		
296X-1-103	±10% 10k0 Plugin Variable Resistors/Potentiome	83	3296X1223LF	3296X-1-103	1	3296X-1-103	BOCHEN (Changd u Gueshang Tech)	C118955	Plugin		
1528128-2020	tens ROHS RGB SMD 2x2mm Light Emitting Diodes	84	W5281282020	W528128-2020	1	WS28128-2020	Worldverni	C965555	SMD,2x2mm	Tape & Reel (TR)	
	Light Emitting Diodes (LED) ROHS Polymer 1 DFN-8-										
5AX17D48G+T10	Polymer 1 DFN-8- EP(2x2) Battery Management ICs ROHS	85	MAX1704BG+T10	MAX17048G+T10	1	MAX17048G+T10	Analog Devices Inc. Maxim Integrated	C2682616	DFN-8-EP(2x2)	Tape & Reel (TR)	
tuf	x2 100ef ±10% 275V Plugin,P=15mm Suppression Capacitors RONS	G G	MPX-104K275VAC-C- D2	MPX-104K275VAC-C- D2	1	X2-104K-275VAC	NDF	C914484	Plugin,P=15mm		0.1uF
20uf	-407 - +857 2000hrs@857 220uf 10mm 10V 8mm 215mA@120hr ±20% SMD, D8xL10mm Aluminum Electrolytic Capacitiers - SMD 8005	g.	CAPAEE30X1050N	UUR1C221MNL1GS	1	UUR1C221MWL1G S	Nichicon	C445237	SMD,DExt.10mm		220uf
2uf	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 22uF, XSR,	0	FP-GRM219-0_2- 0_15-IPC_A	CMP-06035-056251-1	1	GRM219R61C226 ME1SL	Murata Decironics	C162295	0805		22ulf
our	15%, 20%, 16V 6.3V 10uf XSR ±20% 0402 Multilayer Ceramic Capacitors MLCC - SMD/SMT	C4	CLOSA 106MQSNUNC	CLOSA106MQSNUNC	1	CLOSATOMOSNU NC	Samuring Electro- Mechanics	C15525	0402		10uf
Out .	ROHS ROHS RISR 25V 10uf ±20% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	CS, CA, C7, CB, C10, C11, C14, C15	FP-CL10-IPC_C	CMP-13271-004224-1		CL TOA TOMMARINE	Samuring Electro- Mechanics	C98446	0603	Tape and Reel	10uf
	XSR 1uF 16V ±10%			CMP-13271-001457-1		CL TOATOSKOONN	Semung Electro-	C1592	0603		
of	0603 Mutilayer Ceramic Capacitors MLCC - SMD/SMT RORS 100ef 35V 200e/100kHz ±10%	C9, C12, C13	FP-CL10-IPC_A		,	NC .				Tape & Reel (TR)	
oon# -paper Display	CASE-A-3216 Tantalam Capacitors RORS Header, B-Pin 40V SA 580mVWSA	C16 D1	T491A HDR1XB	T491A104K035AT Header B	1		KEMET	C122257	CASE-A-3216	Tape & Reel (TR)	100nF
MER540	DO-201AD Schottky Barrier Diodes (SBD) ROHS	D2	MBR540-DO-201AD	MBR540-DO-201AD	1	MBR540-DO- 201AD	Jilin Sino- Microelectronics	C272410	DO-201AD		
LM01100-G508	0603 Light Emitting Diodes (LED) ROHS Red 0603 Light	DS1	VISH-TLMX1100-2_V	CMP-1666-00029-1	1	TLM01100-G508	Vishay Intertech	C3148192	0603	Tape & Reel (TR)	
LM51000-G508	Emitting Diodes (LED) ROHS	052	VISH-TLMS1000_V	CMF-2000-07254-1	1	TLM51000-G508	Vishay Intertech	C241893	0603	Tape & Reel (TR)	
8125-M2-0.5A	SMD Fuses ROHS PC TEST POINT	n	CAPC6125X25N FP-5004-MFG	56125-M2-0.5A	1	56125-M2-0.5A 5004	SART (Nanjing Sart Tech) Keystone	CB45172 C2906762	5MD 5004		
004		л, д, д, н, в	rr-5004-MFG	CMP-2000-05575-2		DU04	keyntone	L/906762	3004		
28-PH-SM4- B(LF)(SN)	1x2P PH 1 2mm Male pin 2 -257 -+ 857 2A Surface Mount SMD,P+2mm Wire To Board / Wire To Wire Connector RCHS	.16	.5T_52B-PH-5M4- TB(LF)(SN)	528-914-5844- TB(LF) (SN)	1	528-PH-5M4- TB(LF)(SN)	JST Sales America	C285747	SMD, P = 2mm	Tape & Reel (TR)	
			AMPHENOL_1011819 2-0001LF	10118192-0001LF	1	10118192-0001LF	Amphenol ICC	C132564	SMD		
0118192-0001LF	Single Port 5 Contact Horizontal Right Angle Shielded Micro B USB 2.0 Connector	л	20010								
0118192-0001LF HB-ZR-58M-TF LF)(5N)	B USB 2.0 Connector 1s4P 1 1.5mm 4 Branx SMD,P=1.5mm Wire To Board / Wire To Wire Connector ROMS	л	FP-848-23-5344- TF_LF_59-MFG	CMP-17439-000604-1	1	848-JR-5M4- TF(LF)(5N)	JST Sales America	C265083	SMD,P=1.5mm	Tape & Reel (TR)	
	8 USB 2.0 Connector 1s4P 1 1.5mm 4 Brass SMD Pu 1.5mm	JI J	FP-848-ZR-5M4-	CMP-17439-000604-1 CMP-2000-05815-1	1	848-2R-5M4- TF(LF)(5N) 1729128	JST Sales America Phoenix Contact	C91153	SMD,P=1.5mm Plugin,P=5.00mm	Tape & Reel (TR)	
4B-ZR-SM4-TF LF)(SN)	B USB 2.0 Connector 1s4P 1 1.5mm 4 Branx SMD,P=1.5mm Wire To Board / Wire To Wire Connector ROMS	38 39 P1	IP-B4B-ZR-SM4- TI_LI_SN-MIG		1	TF(LF)(SN)	America			Tape & Reel (TR)	
AB-ZR-SM4-TF (SN) C suppy v lamp leader 3 lam/Tern Sensor	B LISE 2.0 Connector 14.89 1 1.5mm 4 18mm 3.8MD P - 1.5mm 18mm 18mm 18mm 18mm 18mm 18mm 18mm 18	23 P2 P2 P4 P4	IP-848-ZR-SM4- TF_LF_SN-MFG PHOE-1729128-2_V	CMP-2000-05815-1 CMP-2000-05815-1 Header 3 Header 4	1 2 2 1	TF(LF)(SN) 1729128	America Phoenix Contact	C91153	Plugin,P=5.08mm	Tape & Steel (TR)	
HB-ZR-2844-TF LF)(Sk) C suppy or lamp	B USB 2.70 Corrector 148P 1 1.5mm 4 Brass SMD P= 1.5mm Mire To Board / Wire To Wire Connector RCRES 21.5.4 400V Green Straight jain 5.08mm 1 2 Plugin, P= 5.08mm 5.12.5.4 400V Green Straight jain 5.08mm 1 2 Plugin, P= 5.08mm 5.12.5.4 400V Green Straight jain 5.08mm 5.08mm 6.08mm	28 29 27 27 27 27 27 27 27 27 27 27 27 27 27	FP-848-2R-SM- 17_LF_394-MFG PHIDE-1729128-2_V PHIDE-1729128-2_V	CMP-2000-05815-1 CMP-2000-05815-1 Header 3	1 2 2 1 1 1 1 1 1	TF(LF)(SN) 1729128	America Phoenix Contact Phoenix Contact	C91153	Plugin,P=5.08mm	Tape & Shed (TR)	
AB-ZR-SM4-TF LF)(SN) C suppy v lamp leader 3 Lam/Teen Sensor DD/MOS sensor DD sensor	B USB 2.0 Connector 14.89 1 1.5mm 4 18ms 35MD P-1.5mm 19ms 35MD P-	22 P2 P2 P5 P7 P6	FP-B46-ZR-SM4- TY_UF_SH-MIG PHOE-1729126-2_V PHOE-1729126-2_V HIGHX3 HIGHX4 HIGHX4 HIGHX4 HIGHX4 HIGHX4 HIGHX4	CMP-2000-05815-1 CMP-2000-05815-1 Header 2 Header 4 Header 4 Header 4 Header 4	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TF(LF)(SN) 1729128 1729128	America Phoenix Contact	C91153	Plugin,P=5.08mm	Tape & Sheel (TR)	
4B-ZR-SM4-TF LF)(SN) C suppy V lamp leader 3 LawrYten Sensor DD/VDC sensor DD sensor 3 sensor 3 sensor	B LISB 2.0 Connector 14.09 1 1.5cm+ 1629 1.1 Sem+ 1829 1.1	25 P2 P2 P3 P6 P6 P7 P6 P9	FP-B48-ZR-SM4- TY_LF_SM-MFG PHOE-1729128-2_V PHOE-1729128-2_V HORIXS HORIXS HORIXS HORIXS HORIXS	CMP-2000-05815-1 CMP-2000-05815-1 Header 2 Header 4 Header 4 Header 4 Header 4 Header 4	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TF(LF)(3N) 1729128 1729128 2E08-CH2O	Phoenix Confact Phoenix Confact Phoenix Confact Zhangahau Wissen Elec Fech	C91153	Plugin,P=5.08mm Plugin,P=5.08mm	Tape & Sted (TR)	
AB-ZR-SM4-TF LF)(SN) C suppy v lamp leader 3 Lam/Teen Sensor DD/MOS sensor DD sensor	B USB 2.0 Connector 14.89 1 1.5mm 4 18ms 35MD P-1.5mm 19ms 35MD P-	27 P2	FP-B46-ZR-SM4- TY_UF_SH-MIG PHOE-1729126-2_V PHOE-1729126-2_V HIGHX3 HIGHX4 HIGHX4 HIGHX4 HIGHX4 HIGHX4 HIGHX4	CMP-2000-05815-1 CMP-2000-05815-1 Header 2 Header 4 Header 4 Header 4 Header 4	1 1 2 2 1 1 1 1	TF(LF)(SN) 1729128 1729128	America Phoenix Contact Phoenix Contact	C91153	Plugin,P=5.08mm	Tape & Stell (TR)	
4B-ZR-SM4-TF LF)(SN) C suppy V lamp leader 3 LawrYten Sensor DD/VDC sensor DD sensor 3 sensor 3 sensor	B LISB 2.0 Connector 14.09 1 1.5cm+ 1629 1.1 Sem+ 1829 1.1	77 25, 271 26 27 27 27 27 27 27 27 27 27 27 27 27 27	FP-B48-ZR-SM4- TY_LF_SM-MFG PHOE-1729128-2_V PHOE-1729128-2_V HORIXS HORIXS HORIXS HORIXS HORIXS	CMP-2000-05815-1 CMP-2000-05815-1 Header 2 Header 4 Header 4 Header 4 Header 4 Header 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TF(LF)(3N) 1729128 1729128 2E08-CH2O	America Phoenix Confact Phoenix Confact Zhengdhou Witsun Disc Tech Beijing Plantower	C91153	Plugin,P=5.08mm Plugin,P=5.08mm	Tape & Steel (TX)	
46 FE 3344-TF C suppy C suppy L supp	B USS 12 Connector Labor 1 Scene 1 Sce	77 P2 P3 P37 P8 P9 P9 P9 P9 P9 P3	TP-86-2E-3M4- TT-JU_59-MIG PHOC-1729128-2_V PHOC-1729128-2_V PHOC-1729128-2_V SIGNAVI	CMP-2000-05815-1 CMP-2000-05815-1 Decader 2 Header 4 Header 4 Header 4 Header 4 Header 5 Header 5 Header 5 Header 5 Header 5 Header 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1729128 1729128 1729128 2006-0100	Phoenix Confact Phoenix Confact Phoenix Confact Zhangahau Wissen Elec Fech	C91153 C91153 C141344	Plagin,P=5. Olimin Plagin,P=5. Olimin Plagin,P=5. Olimin	Tape & Steel (TR)	
AB ZR 384-TT JT(39) C suppy v lamp kenter 3 Lend's a sensor JSD's sensor JSD's sensor JSD sensor	B 109 12 Governation B 100 13 Governation B 10	77 P2 P3 P37 P8 P9 P9 P9 P9 P9 P3	FF.84-78-344- TT_JT_29-MIG HIGE-1729128-2_V HIGE-1729128-2_V HIGE-1729128-2_V HIGE-1729128-2_V HIGESTAN HIGESTA	CMP-7000-05815-1 CMP-7000-05815-1 (Nashir 2 Nashir 2 Nashir 2 Nashir 2 Nashir 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TF(EP)(39) 1729128 1729128 2006-GIOO PM50003	America Phoenix Certact Phoenix Certact Phoenix Certact Zhenghrau Wesen Elec Tech Beijing Plentower Zanges Canging Bectronia Eschwalegy Co., 1st.	C91123 C91123 C141344 C91423	Plagin,P=5. Olimin Plagin,P=5. Olimin Plagin,P=5. Olimin Plagin,P=5. Olimin		08
AB ZR 304-1T (T)(2N) AB ZR 304-1T (T)(2N) A suppy In lamp In l	B 108 12 Governation B 108 12	72 72 72 73 74 75 75 75 75 75 75 75 75 75 75 75 75 75	FF-B6-JR-SM4 FF-JZ-SM MFG FF-JZ	CMP-2000-09815-1 Steelin-2 3 Neather 4 Neather 4 Neather 4 Neather 6 Neather 6 Neather 6 Neather 6 Neather 6 Neather 6 Neather 10 Neather	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TF (LP) (290) 1729128 1729128 1729128 2508-0100 PM050003	America Phoenix Certact Phoenix Certact Phoenix Certact Disapphon Winner Disc Tech Beijing Plantower Beijing Plantower Beijing Plantower Technology Co., 146 Diodes Incorporated	C91133 C91133 C141344 C93431 C93636	Plagin,P=5. Glimm Plagin,P=5. Glimm Plagin,P=5. Glimm 10-220		OR 4750
AB ZR 3064-TF LT(SS) C suppy of lamp v lamp v lamp ZZYYOS united 2 ZZYYOS	B 109 12 Governation B 100 13 Governation B 10	77 77 77 77 77 77 77 77 77 77 77 77 77	PR-001-20-5144 PT-JE-20-MEG PHOSE-1729128-2_V PHOSE-1729128-2_V PHOSE-1729128-2_V SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTISIA SOSTIS	CMP-2000-09815-1 CMP-2000-09815-1 Steader-2 Steader-2 Steader-3 Steader-4 Steader-4 Steader-6 Steader-6 Steader-6 Steader-6 Steader-6 Steader-6 Steader-6 Steader-7 Steader-	,	TF (B-P) (290) 1729128 1729128 1729128 2206-0100 PM550003 2500313 DMG3413U-7	America Phoenia Cerelaci Phoenia Cerelaci Phoenia Cerelaci Zeengyhou Wesser Die: Tach Beljing Flentower Beljing Flentowe	C91133 C91133 C141344 C91431 C90431 C90636 C106231	Plugin P = 5, Olimins TO - 7200 507 - 723		
46. 28-304-17 (JCR) C suppy Is tamp Lorenz	Scientific	77 77 77 77 77 77 77 77 77 77 77 77 77	PR-SES-22-544- PR-JES-25-544- PR-JES-26-MPG PROC-1729128-2_V PROC-1729128-2_V 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 202123 20212	CMP-2000-05815-1 CMP-2000-05815-1 Standar 3 Standar 3 Standar 4 Standar 4 Standar 6 Standar 6 Standar 6 Standar 7 Standar 9 Standar	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TERP(250) 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128 1779128	Process Confact Process Confact Process Confact Designative Wilson Electron Berling Planshower Wilson Planshower Planshower Berling Planshower Berling Planshower Berling Planshower Berling Planshower Berling Planshower Wilson Planshower Berling Planshow	C91133 C91133 C141344 C91431 C904316 C106331 C106331	Pagin,P=5, Olimin Pagin,P=5, Olimin Pagin,P=5, Olimin 194550033 10-220 0402	Tape & Sted (TIO)	4700
18 25 394 17 C suppy V lamp V	Scientific Commentation Services (Section 2012) 1-15 (Section 2012	27 27 27 27 27 27 27 27 27 27 27 27 27 2	PF-867-28-5544 TT_JF_396-MFG MFG-1729728-2_V MFGC-1729728-2_V SSST313 SSST314	CMP-2000-09815-1 CMP-2000-09815-1 Standar 2 Standar 2 Standar 3 Standar 3 Standar 4 Standar 4 Standar 4 Standar 5 Standar	,	71797038 71797038 71797038 71797038 71797038 71797038 71797038 71797038 71797038 71797038 71797038	Phoese Certacl Phoese Certacl Despite Despite	CH103	Phagin P - 5 Glenn Phagin P - 5	Tape & Real (72)	4700 10k0
100 pt 5045 17 100 pt	S. Will 12 Generator Service Science	25 27 77 77 77 77 77 77 77 77 77 77 77 77	PF 868-28-344- TY, JF, 39-MFG TY, JF, 39-MFG PHOC-1791126-2-V PHOC-1791126	CMP-2000-09815-1 CMP-2000-09815-1 Standar 2 Standar 2 Standar 3 Standar 3 Standar 4 Standar 4 Standar 4 Standar 5 Standar	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7193/00 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177/128 1177	Phoese Certed Phoese Certed Thereto Certed Displayer Displayer	CHISH CHI	Pages 7-1.5 Gleen Pages 7-1.5	Tope & State (170)	4700 10k0
100 pt 500 pt 110 pt 11	S. Little 1.2 Accounted to the control of the contr	27 P7	PF-868-28-3544 FF-368-28-3544 FF-368-28-3544 FF-368-28-3544 FF-368-38-38-38-38-38-38-38-38-38-38-38-38-38	CMP-2000-09819-1 CMP-2000-09819-1 Standar 2 Standar 3 Standar 3 Standar 3 Standar 4 Standar 4 Standar 5 Standar 5 Standar 7 Standar	4	7127/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/1	Anexto Cortext Presents	CH133 CH133 CH133 CH134	Pages 7-1, Gliton Pages 7-1, G	Tope & Real (TO)	4700 10k0
100 pt 50 pt 17 pt	S. 1000 1.2 Generator	27 P7	FP-868-28-344- FF-368-28-344- FF-368-28-344- FF-368-28-344- FF-368-28-34- FF-368-28-34- FF-368-38-	CMP-2000-09815-1 CMP-2000-09815-1 Standard 2 Standard 3 Standard 3 Standard 4 Standard 4 Standard 7 Standa	4	7127/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/100 1727/1	Process Contact Process Contac	CH133 CH133 CH133 CH134	Prograft - 5 Glorian Prograft	Tope & Real (TO)	4700 10k0
149 P. Salas 17 149 P. Salas 1	S. Commontor Services (1997) Annual Programme (1997) A	27 P.	FP-868-28-344- FF-368-28-344- FF-368-28-344- FF-368-28-344- FF-368-28-34- FF-368-28-34- FF-368-38-	CMP-2000-09815-1 CMP-2000-09815-1 Standard 2 Mandard 4 Standard 2 Standard 2 Standard 3 Standard 3 Standard 3 Standard 3 Standard 3 Standard 4 Standard 4 Standard 4 Standard 5 Standard 7 STANDARD 57343-2 CMP-2000-07343-1 CMP-2000-07343-1 CMP-2000-07343-1 CMP-2000-07343-1 CMP-2000-07343-1 CMP-2000-07343-1	4	70 9 (500) 71 777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 7777138 71 71 71 71 71 71 71 71 71 71 71 71 71 7	Process Contact Process Contac	CH193 CH193	Prograft - C Stein Prograft - C	Tope & Real (TS) [See & Real (TS) Tope & Real (TS) Tope & Real (TS)	4700 10k0
100 pt 50 pt 17 100 pt	S. CORD 12 Controlled Service May 12 Control	25 25 25 25 26 25 25 25 25 25 25 25 25 25 25 25 25 25	FP-868-28-3544- FF-368-28-3544- FF-368-28-3544	CMP-2000-09815-1 CMP-2000-098	4	7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/108 7127/1	Process Certain Process Certai	CH1032 CH1032 CH1034 CH	Prograft - 6. Steiner	Tope & Real (TS) [See & Real (TS) Tope & Real (TS) Tope & Real (TS)	4700 10k0
100 pt 50 pt 17 pt	S. CORD. 1 Section Laboratory Community Commun	27 P7	FP-868-28-544- FF-368-28-544- FF-368-28-544- FF-368-28-544- FF-368-28-54- FF-368-28-	CMP-2000-09815-1 CMP-2000-09815-1 Standard 2 Mindland 4 Standard 2 Standard 2 Standard 3 Standard 3 Standard 3 Standard 4 Standard 4 Standard 4 Standard 5 Standard 7 Standard 5 Standard 7 STANDARD 67543-2 CMP-2000-07543-3 CMP-2000-07543-1 CMP-2000-07543-1 STANDARD 67543-1 STANDA	4	70 27/00/2 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/10/8 77 27/	Process Certain Certai	CH193 CH193	Ingent - 6 Stein Ingen - 6 Stein Ingen -	Tops & Basel (TO) [Not Secured, Tops & Basel (TO) Tops & Basel (TO) Tops & Basel (TO) Tops & Basel (TO)	4700 10k0
149 P. 50 P. 17 P.	S. CORD 1 A Commental Control	27 27 27 27 27 27 27 27 27 27 27 27 27 2	PF 868-28-344- TF, JF, 39-346- TF, 39-34- TF,	CMP-2000-09815-1 CMP-2000-09815-1 Tanahari 2 Tanahari 3 Tanahari 3 Tanahari 4 Tanahari 4 Tanahari 4 Tanahari 4 Tanahari 5 Tanahari 10 CMP-2000-0915-1 CMP-2000-0915-1 CMP-2000-0915-1 CMP-2000-0915-1 CMP-2000-0915-1 CMP-2000-0915-1 TANAHARI 4 SANAHARI 4	4	7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 7127128 712712	Process Control Process Contro	CH103	Ingent - 6 Stein Ingen - 6 Stein Ingen -	Tope & Shari (15)	4700 10k0
100 pt 50 pt 17 100 pt 50 pt 50 pt 17 100 pt 50 pt 5	S. CORD. 1 Section Laboratory Community Commun	25 27 27 27 27 27 27 27 27 27 27 27 27 27	FP-868-28-544- FF-368-28-544- FF-368-28-544- FF-368-28-544- FF-368-28-54- FF-368-28-	CMP-2000-06815-1 CMP-2000-06815-1 Table 2- CMP-2000-06815-1 Table 2- Ta	4	TREATION TOTALIS TOTAL	Process Cented Process Cented	CHISS	Page 7-5 Steen Page 7	Tops & Board (202) Tops & Board (202)	4700 10k0