









	Comment	Description Powerstream	Digi-Key Part Number	urer	Manufact urer Part Number	Rating	Value	Footprint PGES0121	Note	Notes	
82	Battery	Powerstream Lithium Battery		L			L	232 PGEB0054 038	54018	t	
		Ceramic Capacitor (Surface Mount)		Generic Ceramic Chip Cap (TBD)							
Cl	Cap	(Surface Mount)		(TBD)		-	150pF	0603			_
						(NoValue), (NoValue),					
						(NoValue), (NoValue), (NoValue)					
C2, C3,						Novatue, Novatue, Novatue, Novatue, Novatue, Novatue, Novatue, Novatue, Novatue, Novatue,					
C2, C3, C4, C5, C8, C9, C11, C12, C13, C14, C17, C72		Ceramic		Generic Ceramic		(NoValue), (NoValue), (NoValue).					
C13, C14, C17, C72	Сар	Capacitor (Surface Mount)		Chip Cap (TBD)		(NoValue) 20v	1uF	0402			
		Ceramic Capacitor (Surface Mount)		Ceramic Chip Cap (18D) Generic Ceramic Chip Cap (18D)							
C6	Cap	(Surface Mount)		(TED)			10nF	0402			
				Generic		(NoValue) (NoValue) (NoValue) (NoValue)					
C7, C31, C36, C77, C78	Cap	Ceramic Capacitor (Surface Mount)		Generic Ceramic Chip Cap (TBD) Generic Ceramic Chip Cap (TBD) Generic Ceramic		[NoValue], 26v, [NoValue]	0.1uF	0402			
		Ceramic Capacitor Surface Mount)		Generic Ceramic							
C10	Сар	(Surface Mount)		(TBD) Generic			10p	0402			
C15. C79	Cao	Ceramic Capacitor (Surface Mount)		Ceramic Chip Cap (TBD)			10uF	0603			
C16	Сар	Ceramic Capacitor (Surface Mount)		Ceramic Chip Cap (TBD) Generic		-	100nF	0402	<u> </u>	-	
	Cao	Ceramic Capacitor (Surface Mount)		Ceramic Chip Cap (TBD)			470×E	0407			
	T			Generic Ceramic Chip Cap (TBD) Generic Ceramic Chip Cap (TBD)						T	
C33, C34 C61, 743	Сар	Ceramic Capacitor (Surface Mount)		Chip Cap (TBD)			16pF	0402	<u> </u>		
C11, C14 C61, C62, C61, C64, C65, C66, C67, C68, C69, C70, C71, C71, C74, C75,											
C69, C70, C71, C71,		Ceramic		Generic Ceramic							
	Cap	Ceramic Capacitor (Surface Mount)		Generic Ceramic Chip Cap (TBD)	<u> </u>	25v	2.2uF	0402	<u> </u>		
D1, D7	RB751540T1	Schottky Diode Diode Array - 2 Pair Series	BASTORR W-7FDECT- ND	Diodes	BASTOBR W-7-F		H	\$00-523		\vdash	
D2	BASTOBRW	Pair Series Connection	ND	inc	W-7-8		\vdash	SOT-363	\vdash	\vdash	
D3, D4, D5, D6	L	Agilent Schottky Diode, Two in Series, Small Package SOT-323 Typical RED, GREEN, YELLOW, AMBER GAAs LED	*not	Avago Technolo gies US Inc.	HSMS- 281C			SOT-121, HSMS- 285C			
u5, D6	HSMS-281C	Package SDT-323 Typical RED, GREEN, YELLOW	stocked	anc.	ARIC		\vdash		\vdash	\vdash	
D31	uro	AMBER GAAS LED		L_			Red	Diode - 0603			
	l -		BATS4SWT 1GDSCT- ND or (BATS4SW	ON	1						
D61	BATS4SW	Diode Array, Two in Series, Small Package SDT-323) UFINANCE	Semicond actor	BATS4SWT 1G FH12-40S-	<u> </u>	<u> </u>	SOT-323 / SC-70	<u> </u>	<u> </u>	
	EPD -	FPC, 40pin, 0.5mm Pitch - ZIF	ND or HFA140CT ND	Hirose Electric Co Ltd	0.55H or FH125- 405-0.55H			EPO - Connecto			
s.i	Connector	u.Smm Pitch - ZIF Vz=4.3V,		und				r		\vdash	
ESD1	MM324V38	Vz=4.3V, Overvoltage Protection Zener SOT-243R, N- Channel Dual- Gate Mos-Fets MDSFET	MM3Z4V3 BCT-ND	Fairchild	MM3Z4V3 B			500-323			
	L	Channel Dual- Gate Mos-Fets	BF1105R,2	NXP Semicond	BF1105R,2		Ì	L	Ì		
Q1, Q2	WF1105R	N-Channel	15-ND 2N7002X WCT-ND	uctors Fairchēd Semicond	15 2N7002K			SOT-143R SOT-323 / SC-70		\vdash	
QSI	2N/7002KW	N-Channel MOSFET	WCT-ND		w	\vdash	NMOS	SC-70	\vdash	\vdash	
R1, R31	Res	Chip Resistor (Surface Mount)		Generic Chip Res (TBD) Generic		<u> </u>	47k	0402	<u> </u>	1	
R2	Res	Chip Resistor (Surface Mount)	<u> </u>	Chip Res (TBD)	<u> </u>		1M	0402			
R1	Res	Chip Resistor (Surface Mount)		Generic Chip Res (TED)			ONP	0402			
R4, Rz1, Rz2	Res	Chip Resistor (Surface Mount)		Chip Res				0402			
RS RS		Chip Resistor (Surface Mount)						0407			
	nds	Gurface Mount) Chip Resistor Gurface Mount)		(TBD) Generic Chip Res (TBD) Generic			, x	J402		\vdash	
R6, R70	Res						100k	0402		\vdash	
R9	Res	Chip Resistor (Surface Mount)				\vdash	100k	0402	\vdash	-	
RM	Res	Chip Resistor (Surface Mount)		Generic Chip Res (TBD) Generic			130	0402	<u> </u>		
R62	Res	Chip Resistor (Surface Mount)		Chip Res (TBD)		2%	a	0402			
SEW	MHDR1X4 SMA - Hole - 2	Header, 4-Pin Two pin SMA						MHDR1X4 SMA - Hole - 2 Pin		\vdash	
SMAI	Pin	Two pin SMA connector wisp	\vdash	\vdash	<u> </u>	\vdash		Pin	ONP	\vdash	
	1		Example: 5000K-ND, 5012K-ND, Surface								
				l	İ		1	ĺ			
		Test Point, large	Surface mount	Keystone	Example:		l	Test Point			
n	Test Point	Test Point, large or small foot prints	Surface mount 5015KCT- ND	Keystone Electronic s	Example: 5000, 5011			Test Point Super Small	WRECT		
n	Test Point	Test Point, large or small foot prints	S015KCT- ND		Example: 5000, 5013			Test Point Super Small	WRECT		
п	Test Point		S015KCT- ND					Test Point Super Small	WRECT		
11	Test Point Test Point		S015KCT- ND					Test Point	WRECT		
12	Test Point Test Point		Example: 5005K-ND 5000K-ND, 5012K-ND, Surface mount 5015KCT-ND		Example: 5000, 5013 Example: 5000, 5013				VRECT CHG_4.2V		
12	Test Point Test Point		Example: 5005K-ND 5000K-ND, 5012K-ND, Surface mount 5015KCT-ND					Test Point	VRSCT		
12	Text Point Text Point Text Point	Test Point, large or small foot prints	Example: 5005K-ND 5000K-ND, 5012K-ND, Surface mount 5015KCT-ND	Keystone Electronic s	Example: 5000, 5013			Test Point Small	VRECT		
12	Test Point Test Point Test Point		S015KCT- ND		Example: 5000, 5013			Test Point	VRECT CHG_4.2V		
12	Test Point Test Point Test Point	Test Point, large or small foot prints	Example: S005KET- ND Example: S005K-ND, Surface mount S005KET- ND Example: S005K-ND, Surface mount S005K-ND, Surface mount S005KET- ND	Keystone Electronic s	Example: 5000, 5013			Test Point Small	CHG_4.2V		
72	Test Point Test Point Test Point	Sest Point, large or small floot prints Sest Point, large or small floot prints	Example: S005KET- ND Example: S005K-ND, Surface mount S005KET- ND Example: S005K-ND, Surface mount S005K-ND, Surface mount S005KET- ND	Kaystone Electronic 5 Kaystone Electronic 5	Example: 5000, 5013 Example: 5000, 5013			Test Point Small Test Point Super Small	CHG_4.2V		
12	Test Point Test Point Test Point Test Point	Test Point, large or small foot prints	SOSSECT-ND Example: SOCK-ND, SOL2K-ND, SOL2K-ND, SUSSECT-ND Example: SOCK-ND, SOL2K-ND, SOL2K-ND, SOLK-ND, SO	Keystone Electronic s	Example: 5000, 5013 Example: 5000, 5013			Test Point Small	CHG_4.2V		
11	Test Point Test Point Test Point Test Point	Sest Point, large or small floot prints Sest Point, large or small floot prints	Example: S005KET-ND Example: S009K-ND, S012K-ND, Sunface mount S005KET-ND Example: S009K-ND, S015KET-ND Example: S009K-ND, S015KET-ND Example: S009K-ND, Sunface mount S015KET-ND Example: S009K-ND, S015KET-ND	Kaystone Electronic 5 Kaystone Electronic 5	Example: 5000, 5013			Test Point Small Test Point Small Test Point Small	VRECT CHG_4.2V		
11	Text Point Text Point Text Point Text Point	Sest Point, large or small floot prints Sest Point, large or small floot prints	Example: S005KET-ND Example: S006K-ND, S012K-ND, Surface recount S005KET-ND Example: S006K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S012K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S015KET-ND Example: S006K-ND, S015KET-ND	Kaystone Electronic 5 Kaystone Electronic 5	Example: 5000, 5013 Example: 5000, 5013			Test Point Small Test Point Small Test Point Small	VRSCT CHG_4.2V		
12	Text Point Text Point Text Point Text Point	Text Point, large or small floot prints Text Point, large or small floot prints Best Point, large or unself floot prints	Example: S005KET-ND Example: S006K-ND, S012K-ND, Surface recount S005KET-ND Example: S006K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S012K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S015KET-ND Example: S006K-ND, S015KET-ND	Kaystone Electronic 5 Kaystone Electronic 5	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013			Seat Point Small Seat Point Super Small Seat Point Super Small	VRSCT CHG_4.2V		
11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Test Point Test Point Test Point Test Point Test Point	Sest Point, large or small floot prints Sest Point, large or small floot prints	S0018/LT-ND Example: S0018-WIN Example:	Keystone Electronic L Keystone Electronic L Keystone	Example: 5000, 5013 Example: 5000, 5013			Text Point Small Text Point Super Small Text Point Super Small	CHG_4.2V		
11 11 11 11 11 11 11 11 11 11 11 11 11	Test Point Test Point Test Point Test Point	Text Point, large or small floot prints Text Point, large or small floot prints Best Point, large or unself floot prints	S0018/LT-ND Example: S0018-WIN Example:	Keystone Electronic L Keystone Electronic L Keystone	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013			Seat Point Small Seat Point Super Small Seat Point Super Small	VIBICT CHIC, 4.2V		
11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Test Point Test Point Test Point Test Point Test Point	Taxt Point, Targe or remail floor prints Taxt Point, Targe or remail floor prints Taxt Point, Targe or remail floor Taxt Point, Targe or remail floor Taxt Point, Targe or remail floor	S0018/LT-ND Example: S0018-WIN Example:	Expysione Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013			Best Point Small Test Point Super Small Best Point Super Small	CHG_4.2V		
11 11 11 11 11 11 11 11 11 11 11 11 11	Teer Point Teer Point Teer Point Teer Point Teer Point	Text Point, large or small floot prints Text Point, large or small floot prints Best Point, large or unself floot prints	Example: S005KET-ND Example: S006K-ND, S012K-ND, Surface recount S005KET-ND Example: S006K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S012K-ND, S012K-ND, S015KET-ND Example: S006K-ND, S015KET-ND Example: S006K-ND, S015KET-ND	Keystone Electronic L Keystone Electronic L Keystone	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013			Seat Point Small Seat Point Super Small Seat Point Super Small	CHG,4.2V		
11 11 11 11 11 11 11 11 11 11 11 11 11	Test Point Test Point Test Point Test Point Test Point Test Point	Taxt Point, Targe or remail floor prints Taxt Point, Targe or remail floor prints Taxt Point, Targe or remail floor Taxt Point, Targe or remail floor Taxt Point, Targe or remail floor	SEGUENT OF THE PROPERTY OF THE	Expysione Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013			Text Point Small Text Point Super Super Small Text Point Super Small Text Point Super Small	CHG, 4.2V		
12 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	Total Point Total Point Total Point Total Point Total Point	Thest Points, large or ensul float ensul f	SEGUENT OF THE PROPERTY OF THE	Expysione Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic	Example: 5000, 5013			Test Point Sead Test Point Super Su	CHG,4.2V		
12 22 23 24 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26	Total Point Total Point Total Point Total Point Total Point	Thest Points, large or ensul float ensul f	SEGUENT OF THE PROPERTY OF THE	Expysione Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic Keystone Siscenseic	Example: 5000, 5013			Test Point Small Test Point Super Super Small Test Point Super Small Test Point Super Small Test Point Test Point Test Point Test Point Test Point Test Point	CHG_4.2V		
12 12 13 15 15 16 17	Total Points Total Points Total Points Total Points Total Points	Deet Point, large for mail float prints That Point, large or small float prin	BOOM TO THE TO T	Cayystone Discinsol: Gaystone	Example: 5000, 5013			Text Point Seal Text Point Super	CHG_4.2V		
13 34 35 35 35 36 37 17 101	Test Point	Taxas Protect, Surger or reveal float protects are protected for the protect float pro	BOULET OF THE PROPERTY OF THE	Gayktone Gerkonie Gerkone Ger	Example: 5000, 5013			Test Point Small Test Point Super Super Small Test Point Super Small Test Point Super Small Test Point Test Point Test Point Test Point Test Point Test Point	VISICT CHG, 4.2V TX EX. EX. EX. EX. EX. EX. EX.		
12 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	Test Point	has have been controlled to a control food c	BOOM TO THE TO T	Expelsore Discriment Service	Example: 5000, 5013			Text Point Seal Text Point Super	VISICT CHG.4.2V		
	Tool Point	has have been controlled to a control food c	Example: 50004-WILL Example:	Expelsore Discriment Service	Example: 5000, 5013 Example:			Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	TX RIX.EN GND		
	Test Point	Seed Pariet, Surger or count food or count f	Example: 50004-MI. Statistics of the control of the	Earystone Electronic Electronic Earystone Electronic Electr	Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013 Example: 5000, 5013 Example: 5001 Example: 5001 Example: 5001 Example: 5001 Example: 5000, 5013 Example: 5000, 5013		2.09	Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	CHG, 4.2V		
U2	Tool Point	Seed Pariet, Surger or count food or count f	BOOM TO THE TO T	Earystone Electronic Electronic Earystone Electronic Electr	Example: 5000, 5013		200	Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	CHG. 4.2V		
	Test Point Test P	See France, Surgers and See Fr	Example: 50002-Mil. Example:	Gaystone Gay	Example: 5000, 6013 Example: 5000, 5013 Example:		1.07	Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	ENG. 4.2V		
U2	Tool Point Tool P	See France, Surgers and See Fr	Example:	Earystone Electronic Electronic Earystone Electronic Electr	Example: 5000, 6013 Example: 5000, 5013 Example:		2.07	Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	CNG, 4.2V		
U2	Test Point	Seed Pariet, Surger or count food or count f	Example: 50004-MI. Statistics of the control of the	Gaystone Gay	Example: 5000, 5013		3.09	Seet Point Seal Point Seal Point Seal Point Seal Point Seal Seal Seal Seal Seal Seal Seal Seal	CMG_4.2V		