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BLINK HP-P-P Pro-S- BLINK BLINK BLINK BLINK BLINK BLINK BNO000 BNO000 BNO0000 BNO0000 BNO00000 BNO00000 BNO0000000000	CON-MAT3 CON	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	CONN_2 H1 LPF1 P1, P2 R2 R3 TP1, TP2, T TP39 AC1 ANT1 C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	PS 52	Harwin Vishay Dale Vishay Hillcrest Laborato Johanson Murata Murata Murata Murata KEMET Murata Murata Murata Murata Taliva Yuden	P70-5000045F CRCW040210 CRCW0402511 BNO080 2450AT14A01 GRM155FG1E GRM155FG1E GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A MK105CBJ10
HTP-L LF22 P70-5 S1.1K S1.2K S	CON-MAT3 [20451C1A007 0000045R (Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	H1 LPF1 P1, P2 R2 R3 TP1, TP2, T1 TP39 AC1 ANT1 C17, C18, C1 C13, C15 C12, C14 C36 C24 C16, C26, C2 C30 C36 C24 C36 C36 C24 C36 C36 C36 C36 C36 C37 C36 C37 C38 C38 C38 C38 C38 C38 C38 C38 C38 C38	PS 52	Harwin Vishay Dale Vishay Hillcrest Laborato Johanson Murata Murata Murata Murata KEMET Murata Murata Murata Murata Taliva Yuden	P70-5000045F CRCW040210 CRCW0402511 BNO080 2450AT14A01 GRM155FG1E GRM155FG1E GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A GRM155FG1A MK105CBJ10
IFL21 IFL21 IFL21 IFL21 IFL21 IFL21 IFL22 IFL2	2243 FC 174007 5000045 R 5000045 R 	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	LPF1 P1, P2 R2 R3 TP1, TP2, T TP39 AC1 ANT1 C17, C18, C' C13, C15 C12, C14 C49 C36 C24 C16, C26, C' C30 C46, C50	PS 52	Harwin Vishay Dale Vishay Hillcrest Laborato Johanson Murata Murata Murata Murata KEMET Murata Murata Murata Murata Taliva Yuden	CRCW040251) ENO080 2450A114A01 GRM155R61E1 GRM1555C1HI GRM155F61A1 C0402C225M9 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4
P70-5 P70-5 P1-18 P10-7 P1-18 P10-7 P1-7 P1-7 P1-7 P1-7 P1-7 P1-7 P1-7 P1	5000045R (Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	P1, P2 R2 R3 TP1, TP2, T TP39 AC1 AC1 AC1 AC1, C18, C C13, C15 C12, C14 C36 C24 C16, C26, C C36 C46, C50	PS 52	Harwin Vishay Dale Vishay Hillcrest Laborato Johanson Murata Murata Murata Murata KEMET Murata Murata Murata Murata Taliva Yuden	P70-5000045R CRCW040251N ENO080 2450AT14A01 GRM155R61E1 GRM155SC1H GRM155SC1H GRM155SC1H GRM155R61A1 GRM155R61A1 GRM155R61A1 GRM155R61A1 GRM155R60A4 GRM155R60A4 GRM155R60A4
100 51:1K TestPi TestPi TestPi RNO00	Colont L. pad 80 87114A010OT FF	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	R2 R3 TP1, TP2, T TP39 AC1 ANT1 C17, C18, C' C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	P 52	Vishay Dale Vishay Hillcrest Laborato Johanson Murata	CRCW040210t CRCW040251b BN0080 2450A114A01 GRM155SC1H GRM155SC1H GRM155SC1H GRM155R61A1 GRM155R61A1 GRM155R604 GRM155R604 GRM155R604 GRM155R604 GRM155R604
5 1.1K 1915 1.1K 2.pin 1.2 2.450/2 2.450/2 0.30p 0.30p 0.30p 0.30p 0.450 0.450 1.0pi 1.0pi 1.5pi	Point Land 180 ATT4A0100T JF F	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	R3 TP1, TP2, T TP39 AC1 ANT1 C17, C18, C' C13, C15 C12, C14 C49 C24 C16, C26, C; C30 C46, C50	P 52	Hillcrest Laborato Johanson Murata TEMPT Murata Murata Murata Murata Murata Murata Murata	CRCW040251) ENO080 2450A114A01 GRM155R61E1 GRM1555C1HI GRM155F61A1 C0402C225M9 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4 GRM155F80J4
TestParent Tes	Point Land 180 ATT4A0100T JF F	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	TP1, TP2, T TP39 AC1 ANT1 C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C30 C46, C50	Σ 10	Hillcrest Laborato Johanson Murata Murata Murata Murata Murata KEMET Murata Murata Taivo Yuden	BNO080 2450AT14A01 GRM1555C1Hi GRM1555C1Hi GRM1555C1Hi GRM155F61A1 C0402C225M9 GRM155R60L4 GRM155R60L4 AMK105CBJ10
2_pinon 2_sinon 2_sino	_pad 80 AT14A0100T FF FF	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	TP39 AC1 ANT1 C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	Σ (δ	Hillcrest Laborato Johanson Murata Murata Murata Murata Murata Murata Murata KEMET Murata Murata Murata TEMURATA	2450AT14A01 GRM155R61E : GRM1555C1Hi GRM1555C1Hi GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM155SC1H5
BN00 2450/ 0. 10µ 0. 30p 0. 80p 1µF 1uF 2. 2µF 10µF 10µF 15pF 10µF 15pF 10µF 15pF 10µF 15pF 1000 15pF 15pF 15pF 15pF 15pF 15pF 15pF 15pF	ISO ATTIANDTOOT IF IF IF	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	AC1 ANT1 C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	25	Johanson Murata Murata Murata Murata Murata KEMET Murata Murata Murata Murata	2450AT14A01 GRM155R61E GRM1555C1H GRM1555C1H GRM155R61A C0402C225M9 GRM155R60J4 GRM155R60J4 AMK105CBJ10
24502 24502 0 10402 0 10402 0 10502 0	ATT4A0100T	Antonna (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 16V X/R 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER O 1) UF 50V NPO 0402 (AP CER UF 10V X/S 0402 (AP CER UF 10V X/S 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 2) UF 6.3V X/SR 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 10V X/S 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402 (AP CER 1) UF 6.3V X/SR 0402	ANT1 C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	25	Johanson Murata Murata Murata Murata Murata KEMET Murata Murata Murata Murata	2450AT14A01 GRM155R61E : GRM1555C1Hi GRM1555C1Hi GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM155SC1H5
0.10µ 0.30p 0.80p 0.80p 1µF 1µF 12.2µF 4.7µF 10µF 110µF 110µF 110µF 110µF 110µF 110µF 12.2µF 12.2µF 12.2µF 12.2µF 12.2µF 12.2µF 12.2µF 12.2µF 13.2µF 14.2µF 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15.	JF FF FF	CAP CER O. IUF 16V X/R 0402 CAP CER O. 8P 50V MPO 0402 CAP CER O. 8P 50V MPO 0402 CAP CER O. 8P 50V MPO 0402 CAP CER TUF 0402 CAP CER TUF 0402 CAP CER TUF 0402 CAP CER 7. IUF 4V XSR 0402 CAP CER 7. IUF 4V XSR 0402 CAP CER 7. IUF 0402 CAP CER 7. IUF 0402 CAP CER 17 04V SR 0402	C17, C18, C C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	2 6	Murata Murata Murata Murata Murata Murata Murata Murata KEMET Murata Murata Talyo Yuden	GRM155R61E1 GRM1555C1HF GRM1555C1HF GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM1555C1H5
0.30p 0.80p 1	F F ∷	CAP CER 0 39F 50V NPO 0402 CAP CER 10F 50V NPO 0402 CAP CER 10F 10V X7S 0402 CAP CER 1UF 10V X7S 0402 CAP CER 1UF 0402 CAP CER 2UF 0402 CAP CER 7UF 04 V X5R 0402 CAP CER 7UF 05 V NPO 0402 CAP CER 10UF 0.3 V X5R 0402 CAP CER 10UF 0.3 V X5R 0402 CAP CER 10UF 0.3 V X5R 0402	C13, C15 C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	2)	Murata Murata Murata Murata KEMET Murata Murata Talyo Yuden	GRM1555C1HF GRM1555C1HF GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM1555C1HE AMK105CBJ10
0.30p 0.80p 1	F F ∷	CAP CER 0 BPF 50V NPD 0402 CAP CER 11 F10V X7S 0402 CAP CER 11 F10V X7S 0402 CAP CER 12 F10 402 CAP CER 12 F16 34V SSR 0402 CAP CER 25 F50 VNPO 0402 CAP CER 15 F50 VNPO 0402 CAP CER 10 F6 05 VNSR 0402 CAP CER 10 F6 05 VNSR 0402 CAP CER 10 F6 05 VNSR 0402	C12, C14 C49 C36 C24 C16, C26, C C30 C46, C50	2)	Murata Murata Murata Murata KEMET Murata Murata Talyo Yuden	GRM1555C1HF GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM1555C1H5 AMK105CBJ10
1µr 1 ur 2 2 yr 4 7µr 5pf 10µr 15pf 100p 6800; 1000 2 2 ur 5556 5772; 2 X62- 2 X62- 1 103 1 103 1 104 1 105 1 105		CAP CER 1UF 10V X/S 0402 CAP CER 1UF 0402 CAP CER 2.2UF 6.3V XSR 0402 CAP CER 2.7UF 4V XSR 0402 CAP CER 7.7UF 4V XSR 0402 CAP CER 5F 50V NPO 0402 CAP CER 10UF 6.3V XSR 0402 CAP CER 10UF 6.3V XSR 0402 CAP CER 10UF 6.3V XSR 0603	C49 C36 C24 C16, C26, C C30 C46, C50	28	Murata Murata KEMET Murata Murata Taiyo Yuden	GRM155R61A1 GRM155R61A1 C0402C225M9 GRM155R60J4 GRM1555C1H5 AMK105CBJ10
1 ur 2 2 ur 4 7 pr 5 pr 1 0 pr		CAP CER 1UF 0402 CAP CER 2.2UF 6.3V X5R 0402 CAP CER 7.2UF 4V X5R 0402 CAP CER 7.UF 4V X5R 0402 CAP CER F50V NPO 0402 CAP CER 10UF 6.3V X5R 0402 CAP CER 10UF 6.3V X5R 0603	C36 C24 C16, C26, C C30 C46, C50	28 6	Murata KEMET Murata Murata Taiyo Yuden	AMK105CBJ10
2.2µf 4.7µf 5pf 5pf 10µf 10µf 15pf 100pf 15pf 100pf 2.2µf GRM1 55566 54722 ZX62- 1-103 NX32		CAP CER 2.2UF 6.3V X5R 0402 CAP CER 4.7UF 4V X5R 0402 CAP CER 5PF 50V NPO 0402 CAP CER 10UF 6.3V X5R 0402 CAP CER 10UF 6.3V X5R 0603	C24 C16, C26, C C30 C46, C50	2 6	KEMET Murata Murata Taiyo Yuden	C0402C225M9 GRM155R60J4 GRM1555C1H5 AMK105CBJ10
4.7µF 5pF 10µF 10µF 10µF 10pF 10pF 10pF 10opt 2.2µF 6800 2.2µF GRM1 5556 54722 ZX62- 1-103 NX32		CAP CER 4.7UF 4V X5R 0402 CAP CER 5PF 50V NPO 0402 CAP CER 10UF 6.3V X5R 0402 CAP CER 10UF 6.3V X5R 0603	C24 C16, C26, C C30 C46, C50	2 6	KEMET Murata Murata Taiyo Yuden	GRM155R60J4 GRM1555C1H5 AMK105CBJ10
4.7µF 5pF 10µF 10µF 10µF 10pF 10pF 10pF 10opt 2.2µF 6800 2.2µF GRM1 5556 54722 ZX62- 1-103 NX32		CAP CER 4.7UF 4V X5R 0402 CAP CER 5PF 50V NPO 0402 CAP CER 10UF 6.3V X5R 0402 CAP CER 10UF 6.3V X5R 0603	C30 C46, C50		Murata Taiyo Yuden	GRM155R60J4 GRM1555C1H5 AMK105CBJ10
5pF 10pF 10pF 15pF 10opp 6800p 10000 2 2uF GRM1 5556C 54722 ZK62- 17220 54722 1-103		CAP CER 5PF 50V NPO 0402 CAP CER 10UF 6.3V X5R 0402 CAP CER 10UF 6.3V X5R 0603	C30 C46, C50		Murata Taiyo Yuden	GRM1555C1H5 AMK105CBJ10
10µF 10µF 15pF 100pf 6800pf 10000 2.2µF GRM1 55566 54722 ZX62- TC200 54723 1-103 NX32		CAP CER 10UF 6.3V X5R 0603			Taiyo Yuden	
10jr 15pr 100pr 6800j 10000 2.2ur GRM1 5556 54722 ZX62- TC20: 54722 1-103 NX32						
15pF 100pF 6800p 10000 2.2uF GRM1 55560 54722 ZX62- TC20: 54722 1-103 NX32					Taiyo Yuden	AMK105CBJ10
100pF 6800p 10000 2.2uF GRM1 55566 54722 ZX62- TC20: 54722 1-103 NX32			C10, C11, C		Kyocera AVX	04025A150JA7
6800; 10000 2.2uF GRM1 55560 54722 ZX62- TC20: 54722 1-103 NX32		CAP CER 100PF 50V NP0 0402	C23		KEMET	C0402C101J50
10000 2.2uF GRM1 55560 54722 ZX62- TC20: 54722 1-103 NX32		CAP CER 6800PF 25V X7R 0402	C51		Kyocera AVX	04023C682KA
2.2uF GRM1 5556C 54722 ZX62- TC20: 54722 1-103 NX32		CAP CER 10000PF 50V X7R 0402	C9, C29, C3	5	Vishay	VJ0402Y103KX
GRM1 55560 54722 ZX62- TC203 54722 1-103 NX32		Capacitor	C40		KEMET	C0402C225M9
55560 54722 ZX62- TC20: 54722 1-103 NX32	188R60J106ME47D	Capacitor	C41		Murata	GRM188R60J1
54722 ZX62- TC20: 54722 1-103 NX32:		Connector	J1. J2		Molex	55560-0168
ZX62- TC20: 54722 1-103 NX32		Connector	13		Molex	54722-0164
TC20: 54722 1-103 NX32:	-B-5PA(33)	Connector	J4		Hirose	ZX62-B-5PA(3)
54722 1-103 NX 32	30-CTX-NL	Connector	J5. J6	1 :	1 = 0.50	ENGE DOLVE
1-103 NX32		Connector	J7	1	Molex	54722-0164
NX32	8542-2	Connector	J8	_		
	15SA-32.768K-STD-MUA-8		Ϋ́1	_	NDK	NX3215SA-32
	B32M000F1H01R0	Crystal or Oscillator	Y2. Y3		Murata	XRCGB32M000
	015IRUGT	Crystal or Oscillator	Y4		Texas Instrument	
	35. 32.7680KA-A5	Crystal or Oscillator	Y5		Epson	FC-13532.768
	/34FASR	Dinde	D1. D3		Vishav	VBPW34FASR
	/34FASR	Diode	D2		Vishay	VBPW34FASR
		Ferrite Bead	FB1		Murata	BLM18KG601S
					ON Semiconducto	
Heade	8KG601SZ1D				OIR SEMICONDUCTO	IMMD 1 3904E1
LQG15	T3904LT1G	General Purpose Transistor, NPN Silicon, 3-Pin SO Header, 2-Pin	P3. P4			