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RefDes	Value	PartType	PartDecal	Layer	SMD	X	Y	Orient.
A1	nb	POSIMARK	POSIMARK	Top	WAHR	1,71	8,50	0
A2	nb	POSIMARK	POSIMARK	Top	WAHR	9,65	43,19	0
A3	nb	POSIMARK	POSIMARK	Bottom	WAHR	27,66	23,79	0
A4	nb	POSIMARK	POSIMARK	Top	WAHR	27,38	22,92	0
A5	nb	POSIMARK	POSIMARK	Bottom	WAHR	1,15	2,15	0
A6	nb	POSIMARK	POSIMARK	Bottom	WAHR	6,47	42,94	0
B1	MTS5020A03LM	B-MTS5020A03LM	BUZZER_T_5X5	Top	WAHR	15,20	3,22	180
C1	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	5,58	13,34	180
C2	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	5,62	16,52	180
C3	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	5,62	15,23	180
C4	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	13,28	28,50	180
C5	15p	C-15P0-0603-COG-50V-5%	603	Bottom	WAHR	16,50	21,74	90
C6	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	1,77	18,42	0
C7	15p	C-15P0-0603-COG-50V-5%	603	Bottom	WAHR	14,00	24,34	180
C8	82p	C-82P-0603-COG-2%	603	Bottom	WAHR	17,30	29,29	180
C9	1u	C-1U00-0603-X7R-16V-10%	603	Top	WAHR	13,01	27,12	180
C10	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	3,45	7,96	180
C11	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	5,62	17,59	180
C12	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	3,95	14,65	90
C13	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	13,01	5,45	270
C14	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	12,93	11,76	0
C15	2u20	C-2U20-0603-X7R-16V-10%	603	Top	WAHR	5,20	12,02	0
C16	10u	C-10U0-0603-X7R-6V3-20%	603	Bottom	WAHR	17,88	31,37	90
C17	nb	C-10U0-0603-X7R-6V3-20%	603	Bottom	WAHR	21,45	35,02	270
C18	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	13,08	25,92	180
C19	100p	C-100P-0603-COG-50V-5%	603	Bottom	WAHR	27,32	20,30	0

C20	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	8,64	31,65	0
C21	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	11,71	5,23	270
C22	6p80	C-6P80-0603-COG-50V-5%	603	Bottom	WAHR	15,00	38,86	0
C23	nb	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	22,80	5,17	180
C24	nb	C-18P0-0603-COG-50V-5%	603	Top	WAHR	9,18	39,67	90
C25	100p	C-100P-0603-COG-50V-5%	603	Bottom	WAHR	12,25	37,42	0
C27	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	10,61	9,93	90
C28	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	16,60	31,16	90
C29	470n	C-470N-0603-X7R-10V-10%	603	Top	WAHR	12,94	29,77	180
C30	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	11,00	31,92	270
C32	nb	C-18P0-0603-COG-50V-5%	603	Bottom	WAHR	9,32	38,86	180
C34	82p	C-82P-0603-COG-2%	603	Bottom	WAHR	17,30	27,85	180
C36	12p	C-12P0-0603-COG-50V-5%	603	Bottom	WAHR	9,32	37,42	0
C38	nb	C-100N-0402-X7R-16V-10%	402	Top	WAHR	18,27	30,35	90
C42	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	27,15	27,72	180
C48	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	22,23	18,42	180
C51	330p	C-330P-0603-COG-50V-5%	603	Bottom	WAHR	27,90	18,87	180
C58	nb	C-1U00-0603-X7R-16V-10%	603	Bottom	WAHR	27,40	26,12	180
C59	330p	C-330P-0603-COG-50V-5%	603	Bottom	WAHR	21,71	10,41	180
C60	100n	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	18,20	13,62	270
C61	10u	C-10U0-0603-X7R-6V3-20%	603	Bottom	WAHR	19,30	2,63	90
C62	4u7	C-4U7-0603-X7S-10V-10%	603	Bottom	WAHR	3,75	6,73	180
C63	1n5	C-1N50-0603-COG-50V-1%	603	Bottom	WAHR	21,00	13,90	90
C65	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	17,10	7,46	0
C66	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	19,23	11,27	90
C67	2n2	C-2N20-0603-COG-50V-2%	603	Bottom	WAHR	19,50	13,90	90
C70	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	15,10	8,02	270
C71	2u20	C-2U20-0603-X7R-16V-10%	603	Bottom	WAHR	16,18	12,22	0
C95	nb	C-2N20-0603-COG-50V-2%	603	Bottom	WAHR	21,71	11,92	180
C100	nb	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	22,67	35,24	90
C102	nb	C-100N-0402-X7R-16V-10%	402	Top	WAHR	29,88	34,66	270

C103	nb	C-100N-0402-X7R-16V-10%	402	Top	WAHR	28,51	33,64	270
C104	nb	C-100N-0402-X7R-16V-10%	402	Bottom	WAHR	26,88	36,17	180
C112	nb	C-100N-0402-X7R-16V-10%	402	Top	WAHR	29,70	32,22	180
C115	100p	C-100P-0603-COG-50V-5%	603	Bottom	WAHR	15,00	37,42	0
C116	6p80	C-6P80-0603-COG-50V-5%	603	Bottom	WAHR	12,25	38,86	0
C117	1n	C-1N00-0603-COG-50V-5%	603	Bottom	WAHR	9,59	34,92	90
C118	1n	C-1N00-0603-COG-50V-5%	603	Bottom	WAHR	7,63	34,37	0
C370	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	22,50	18,54	270
C371	100n	C-100N-0402-X7R-16V-10%	402	Top	WAHR	23,55	18,53	270
C839	5p-20p	C-5-20P-TZC3P200A110R00	TZC	Bottom	WAHR	6,21	38,95	270
C900	nb	C-18P0-0603-COG-50V-5%	603	Bottom	WAHR	15,00	40,37	180
C901	12p	C-12P0-0603-COG-50V-5%	603	Bottom	WAHR	15,00	41,82	0
C902	56p	C-56P0-0603-COG-50V-5%	603	Bottom	WAHR	12,25	40,37	0
C903	nb	C-10P0-0603-COG-50V-5%	603	Bottom	WAHR	12,25	41,82	0
C906	56p	C-56P0-0603-COG-50V-5%	603	Bottom	WAHR	9,32	40,37	0
C907	nb	C-10P0-0603-COG-50V-5%	603	Bottom	WAHR	9,32	41,82	0
D1	BAV23S	D-BAV23S-SOT23	SOT23	Bottom	WAHR	24,96	16,57	180
D2	1N5819HW-7-F	D-1N5819HW-SOD123	SOD123	Bottom	WAHR	17,55	3,78	270
D3	ESD5V3U2U-TSFP-3-1	D-ESD5V3U2U-TSFP-3-1	TSFP-3-1	Bottom	WAHR	6,11	8,99	180
D4	BZX84C5V6	D-BZX84C5V6-SOT23	SOT23	Top	WAHR	4,00	7,62	0
D5	BAV23S	D-BAV23S-SOT23	SOT23	Bottom	WAHR	24,80	11,37	270
D6	nb	D-BAR43A-SOT23	SOT23	Top	WAHR	24,40	13,72	270
D7	nb	D-BZA456A-STO457	SOT457	Bottom	WAHR	23,65	3,12	90
D16	LRTB GFTG	D-LRTB-GFTG	DIO-P-LCC-6	Top	WAHR	16,00	41,67	180
J1	nb	J-CON2P_200MIL_ANT	CON2P-200MIL-PADS	Top	WAHR	3,50	40,38	90
J2	nb	J-CON10P_50MIL	CON10P_5X2_1_27MM	Bottom	FALSCH	24,50	7,17	0
J3	nb	J-CON6P_50MIL	CON6P_50MIL	Top	FALSCH	30,00	19,23	90
J4	Molex 53261-0471	J-MX53261-0471-4P	MOLEX_MICRO_5326	Top	WAHR	6,10	1,82	0
J5	nb	J-SIL2-100_H11MM2	CON_SIL2_100	Top	FALSCH	1,75	30,71	90
J22	nb	J-CON2P_200MIL_ANT	CON2P-200MIL-PADS	Top	WAHR	3,50	30,92	90
J102	nb	J-MX53261-0571-5P	MOLEX_MICRO_5326	Top	WAHR	24,95	2,02	0

J900	nb	J-SIL2-100_H11MM2	CON_SIL2_100	Top	FALSCH	1,75	40,23	90
L1	1u	L-1U00-0805LS-RF	ND_COILCRAFT0805L	Bottom	WAHR	15,86	35,02	90
L2	OR	R-OR00-0603	603	Bottom	WAHR	3,75	4,56	180
L3	nb	L-30R0-0603-BEAD	603	Bottom	WAHR	21,83	32,72	180
L4	BLM18PG300SN1D	L-30R0-0603-BEAD	603	Bottom	WAHR	19,30	31,37	90
L5	OR	R-OR00-0603	603	Top	WAHR	7,80	29,87	270
L8	nb	L-30R0-0603-BEAD	603	Top	WAHR	6,68	19,30	90
L21	BLM18PG300SN1D	L-30R0-0603-BEAD	603	Bottom	WAHR	15,35	32,22	90
L22	BLM18PG300SN1D	L-30R0-0603-BEAD	603	Bottom	WAHR	12,60	33,74	180
L23	1u	L-1U00-0805LS-RF	ND_COILCRAFT0805L	Bottom	WAHR	12,20	35,61	0
L104	nb	L-30R0-0603-BEAD	603	Bottom	WAHR	20,35	5,22	0
P1	PT	P-PT	PT	Top	WAHR	21,07	-7,16	0
Q1	IRLML6401	Q-IRLML6401-SOT23	SOT23	Top	WAHR	25,70	17,96	0
Q3	BSS123	Q-BSS123-SOT23	SOT23	Bottom	WAHR	15,12	4,52	90
R1	nb	R-1K00-0402	402	Bottom	WAHR	18,11	25,46	270
R2	120R	R-120R-0402	402	Top	WAHR	22,37	12,94	90
R3	10k	R-10K0-0402	402	Bottom	WAHR	7,42	35,62	180
R4	220k	R-220K-0603	603	Bottom	WAHR	28,50	11,02	270
R5	OR	R-OR00-0402	402	Bottom	WAHR	11,85	24,57	0
R6	2k20	R-2K20-0402	402	Bottom	WAHR	26,12	21,52	180
R7	220k	R-220K-0603	603	Bottom	WAHR	27,00	11,02	270
R8	OR	R-OR00-0603	603	Bottom	WAHR	22,50	13,90	270
R9	nb	R-OR00-0402	402	Top	WAHR	23,84	15,86	180
R10	nb	R-330R-0402	402	Top	WAHR	26,70	33,92	0
R11	nb	R-10K0-0402	402	Bottom	WAHR	26,50	8,30	270
R12	33k	R-33K0-0402	402	Bottom	WAHR	27,85	17,62	0
R13	1k	R-1K00-0402	402	Bottom	WAHR	20,60	25,73	270
R14	4k70	R-4K70-0402	402	Bottom	WAHR	22,23	19,57	0
R15	2k70	R-2K70-0402-1%	402	Bottom	WAHR	19,55	24,75	90
R16	nb	R-1K00-0402	402	Bottom	WAHR	19,60	27,79	270
R17	nb	R-OR00-0402	402	Top	WAHR	29,40	17,05	270

R18	nb	R-10K0-0402	402	Top	WAHR	26,49	14,13	90
R19	100k	R-100K-0402	402	Bottom	WAHR	26,12	22,52	180
R20	nb	R-470R-0402	402	Top	WAHR	26,17	27,87	270
R21	nb	R-47K0-0402	402	Top	WAHR	27,19	28,18	270
R23	100n	C-100N-0603-X7R-50V-10%	603	Bottom	WAHR	25,30	18,82	180
R24	10k	R-10K0-0402	402	Bottom	WAHR	16,90	38,38	90
R25	nb	R-200K-0402	402	Top	WAHR	18,88	32,07	180
R26	nb	R-470R-0402	402	Top	WAHR	30,34	28,18	270
R27	nb	R-10K0-0402	402	Top	WAHR	23,68	10,92	0
R28	nb	R-0R00-0402	402	Top	WAHR	30,50	17,05	270
R30	nb	R-470R-0402	402	Top	WAHR	28,24	28,18	270
R34	2k00	R-2K00-0402-1%	402	Bottom	WAHR	22,23	20,77	180
R37	nb	R-330R-0402	402	Top	WAHR	27,40	30,52	180
R38	nb	R-47K0-0402	402	Top	WAHR	29,27	28,18	270
R44	10k	R-10K0-0402	402	Top	WAHR	26,17	15,87	0
R48	10k	R-10K0-0603	603	Bottom	WAHR	24,49	14,32	0
R50	nb	R-0R00-0402	402	Top	WAHR	26,70	32,84	0
R52	nb	R-330R-0402	402	Bottom	WAHR	16,99	25,46	270
R62	120R	R-120R-0603	603	Bottom	WAHR	20,70	2,63	90
R63	nb	R-47K0-0402	402	Bottom	WAHR	15,29	10,53	90
R65	nb	R-0R00-0402	402	Top	WAHR	29,75	30,12	0
R66	nb	R-330R-0402	402	Bottom	WAHR	20,60	27,79	270
R101	220R	R-220R-0603	603	Top	WAHR	12,60	34,87	90
R103	nb	R-10R0-0402	402	Bottom	WAHR	20,20	35,58	90
R109	nb	R-330R-0402	402	Top	WAHR	29,70	31,17	0
R110	nb	R-330R-0402	402	Top	WAHR	25,00	33,92	180
R111	nb	R-330R-0402	402	Top	WAHR	25,00	32,84	180
R112	nb	R-330R-0402	402	Top	WAHR	27,40	31,57	180
R116	47R0	R-47R0-0603-1%	603	Top	WAHR	14,10	34,87	90
R117	47R0	R-47R0-0603-1%	603	Top	WAHR	15,65	34,87	90
R903	1R	R-1R00-0603	603	Top	WAHR	7,40	37,37	180

R905	1R	R-1R00-0603	603	Top	WAHR	7,40	41,90	180
T1	nb	CE	CE_2MM	Bottom	WAHR	27,30	0,34	0
U1	SC632AULTRT	U-SC632A_MLPD-UT-8	MLPD-UT-8	Bottom	WAHR	17,22	9,94	0
U2	TPS79333	U-TPS79333-3.3-SOT23	SOT23-5	Bottom	WAHR	12,60	8,92	0
U3	SAM-Kontaktiereinheit, seitlich, 10P	J-SIMLOCK_STECKSLOT_MINISIM_10P	CON-MINISIM_10P	Top	WAHR	15,45	15,12	180
U4	U-MK22FN512VDC12	U-MK22FN512VDC12-XFBGA	XFBGA121	Bottom	WAHR	5,00	14,92	0
U5	nb	U-NVT2008	TSSOP20	Top	WAHR	22,25	27,72	0
U6	TL082ID	U-TL082ID-SOIC-8	SO8	Bottom	WAHR	23,65	26,57	0
U7	BGM12X	U-BGM12X	BGM12X	Top	WAHR	21,55	40,02	180
U8	NC7S08	U-NC7S08-SOT23-5	SOT23-5	Bottom	WAHR	28,31	14,52	0
U10	MCP1416RT	U-MCP1416R	SOT23-5	Bottom	WAHR	15,40	15,12	90
U24	PN5180	U-PN5180-HVQFN40	HVQFN40	Bottom	WAHR	10,49	28,92	90
U100	nb	U-SP3232EEY-TSSOP16	TSSOP16	Bottom	WAHR	27,00	32,88	270
X3	27MHz12	X-27_12MHZ-HCS3225	XTAL_HCS_3225F	Bottom	WAHR	13,80	21,95	180
YTP1	nb	TP_8MM	TP_8MM	Bottom	WAHR	19,33	41,31	0
YTP2	nb	TP_8MM	TP_8MM	Bottom	WAHR	2,40	23,72	90
YTP3	nb	TP_8MM	TP_8MM	Bottom	WAHR	19,33	39,63	0
YTP4	nb	TP_8MM	TP_8MM	Bottom	WAHR	16,99	40,02	0
YTP5	nb	TP_8MM	TP_8MM	Top	WAHR	17,81	33,84	0
YTP6	nb	TP_8MM	TP_8MM	Bottom	WAHR	19,32	42,57	0
YTP7	nb	TP_8MM	TP_8MM	Bottom	WAHR	5,00	22,34	0
YTP8	nb	TP_8MM	TP_8MM	Top	WAHR	26,00	37,85	0
YTP9	nb	TP_8MM	TP_8MM	Top	WAHR	26,00	39,12	0
YTP10	nb	TP_8MM	TP_8MM	Top	WAHR	26,00	36,58	0
YTP11	nb	TP_8MM	TP_8MM	Top	WAHR	26,00	35,31	0
YTP12	nb	TP_8MM	TP_8MM	Top	WAHR	19,98	35,52	0
YTP13	nb	TP_8MM	TP_8MM	Top	WAHR	3,26	15,83	0
YTP15	nb	TP_8MM	TP_8MM	Bottom	WAHR	7,07	20,84	0
YTP16	nb	TP_8MM	TP_8MM	Bottom	WAHR	3,05	21,88	0
YTP17	nb	TP_8MM	TP_8MM	Bottom	WAHR	4,93	24,35	0
YTP18	nb	TP_8MM	TP_8MM	Bottom	WAHR	5,49	29,50	90

YTP19	nb	TP_8MM	TP_8MM	Bottom	WAHR	8,73	24,35	0
YTP20	nb	TP_8MM	TP_8MM	Top	WAHR	18,60	35,52	0
YTP21	nb	TP_8MM	TP_8MM	Bottom	WAHR	7,96	22,34	0
YTP22	nb	TP_8MM	TP_8MM	Bottom	WAHR	6,30	22,34	0
YTP23	nb	TP_8MM	TP_8MM	Bottom	WAHR	9,97	18,49	0
YTP24	nb	TP_8MM	TP_8MM	Bottom	WAHR	17,26	18,35	0
YTP25	nb	TP_8MM	TP_8MM	Bottom	WAHR	3,70	24,35	0
ZLP1	0115A02	P-LEITERPLATTE	LP_0	Top	WAHR	11,50	-6,93	0