

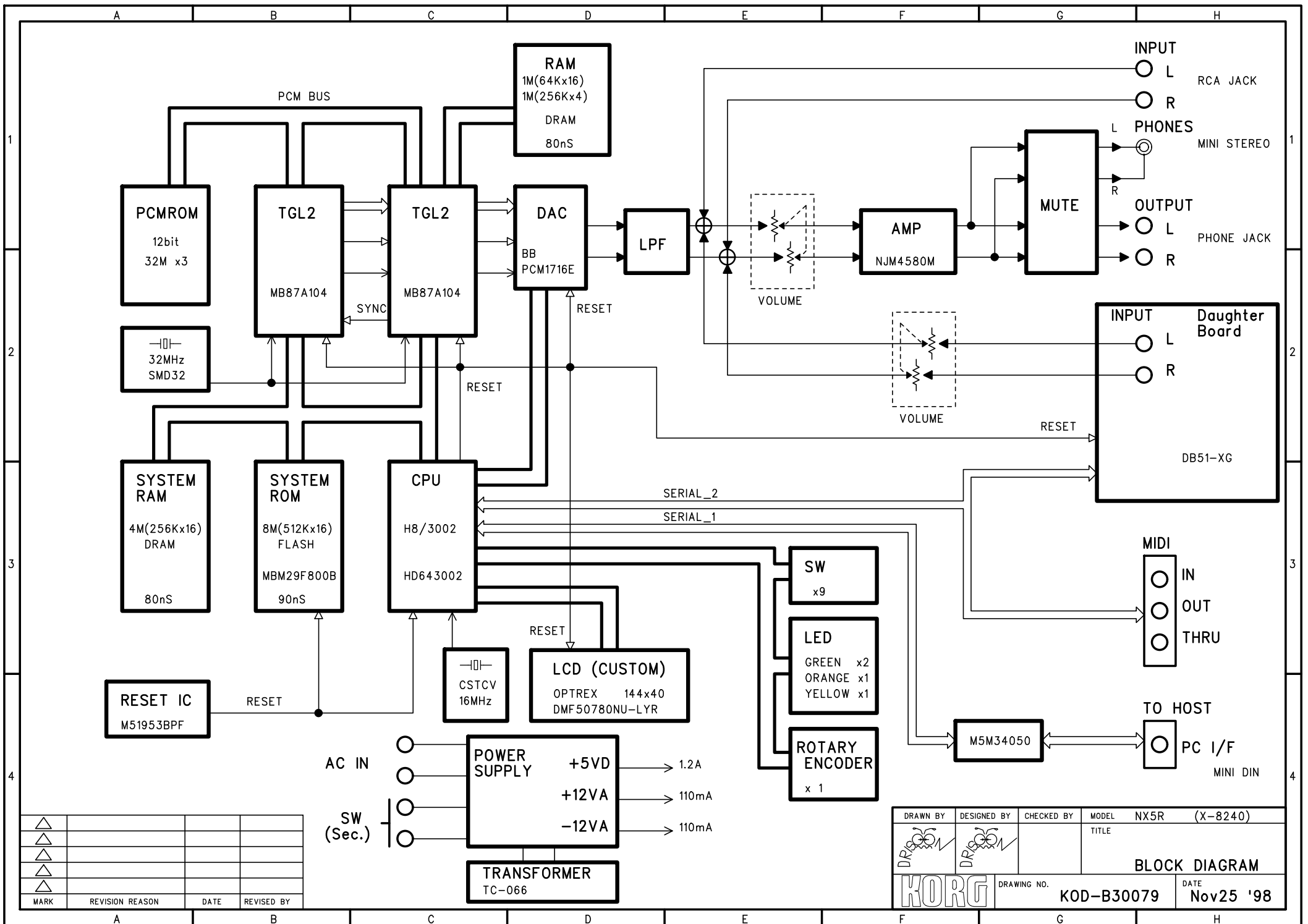
Service Manual

NX5R

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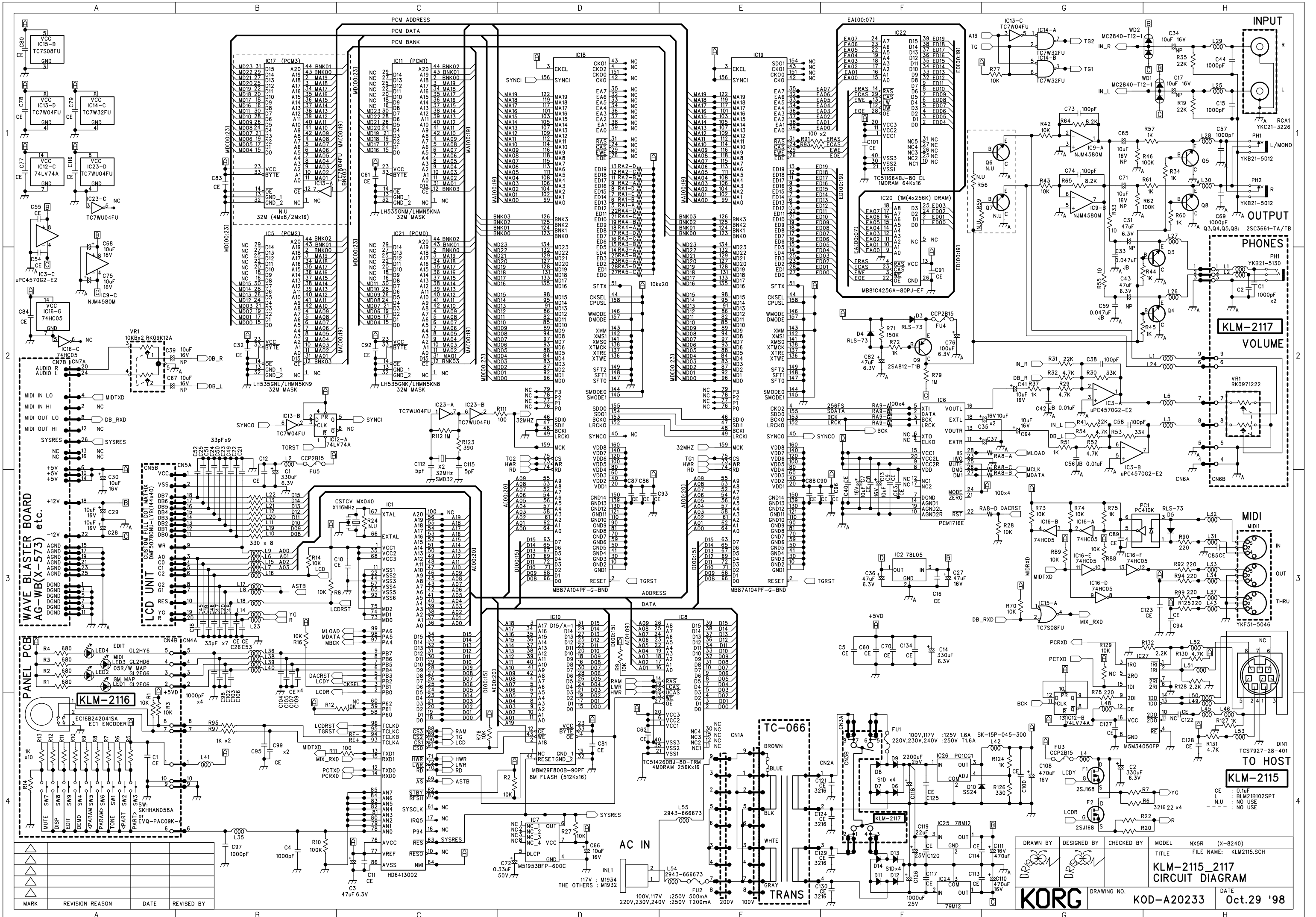
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MARK	REVISION REASON	DATE	REVISED BY
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DRAWN BY	DESIGNED BY	CHECKED BY	MODEL	NX5R (X-8240)
			TITLE	BLOCK DIAGRAM
DRAWING NO.			KOD-B30079	DATE
				Nov25 '98



DRAWN BY	DESIGNED BY	CHECKED BY	MODEL	NX5R	(X-8240)
			TITLE	FILE NAME:	KLM2115.SCH
			KLM-2115_2117 CIRCUIT DIAGRAM		
DRAWING NO.		KOD-A20233		DATE	
				Oct.29 '98	



MARK	REVISION	REASON	DATE	REVISED BY

NX5R

How to start and operate the test mode

PART>/PAGE + >/PARAM + Power ON : Start the test mode

>PART/PAGE	: ITEM UP
<PART/PAGE	: ITEM DOWN
EDIT/ENTER	: STEP UP
DISP/EXIT	: STEP DOWN

How to reset the system

DEMO+<<PARAMA

Parts code	Parts name and Spesification	PCB No.	Unit Price(Yen)
2088000	XG SOUND SOURCE BOARD DB51XG	M.PART	6,760
103011210	CFR1/10J 10 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011310	CFR1/10J100 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011322	CFR1/10J220 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011333	CFR1/10J330 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011339	CFR1/10J390 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011368	CFR1/10J680 OHM 2X1.25 CHIP	KLM-2115/6/7 NX5R	10
103011410	CFR1/10J 1K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011422	CFR1/10J 2.2K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011447	CFR1/10J 4.7K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011482	CFR1/10J 8.2K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011510	CFR1/10J 10K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011522	CFR1/10J 22K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011533	CFR1/10J 33K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011610	CFR1/10J 100K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011615	CFR1/10J 150K 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103011710	CFR1/10J 1M 2X1.25 CHIP (TS)	KLM-2115/6/7 NX5R	10
103012222	CFR1/8J 22 OHM 3.2X1.6 CHIP	KLM-2115/6/7 NX5R	10
144011010	CHIP NETWORK CN1J4 TD 100 OHMJ	KLM-2115/6/7 NX5R	10
144011030	CHIP NETWORK CN1J4 TD 10KJ	KLM-2115/6/7 NX5R	10
184090002	FUUSE R CCP2B15-TE(TS)	KLM-2115/6/7 NX5R	30
215034100	MCC C2012JB1H102K T-A (TS)	KLM-2115/6/7 NX5R	10
215035100	MCC C2012JB1H103K T-A (TS)	KLM-2115/6/7 NX5R	10
215035471	MCC C2012JB1E473K T-A (TS)	KLM-2115/6/7 NX5R	10
215041500	MCC C2012CH1H050C T-A (TS)	KLM-2115/6/7 NX5R	10
215042330	MCC C2012CH1H330J T-A (TS)	KLM-2115/6/7 NX5R	10
215053100	MCC C2012SL1H101J T-A (TS)	KLM-2115/6/7 NX5R	10
215066100	MCC C3216JF1H104Z T-A (TS)	KLM-2115/6/7 NX5R	10
215066101	MCC C2012JF1E104Z T-N (TS)	KLM-2115/6/7 NX5R	10
235011410	AEC 25V 1000UF RE2-25V102MMA	KLM-2115/6/7 NX5R	30
235011422	AEC 25V 2200UF RE2-25V222MMA	KLM-2115/6/7 NX5R	40
254003347	AEC 16V470 RE2-16V471MMA-T2:TR	KLM-2115/6/7 NX5R	10
254081347	AEC 6.3V 47UF RVS-6V470M-R(TS)	KLM-2115/6/7 NX5R	10
254081410	AEC 6.3V100UF RVS-6V101M-R(TS)	KLM-2115/6/7 NX5R	10
254083310	AEC 16V 10UF RVS-16V100M-R(TS)	KLM-2115/6/7 NX5R	10
254083347	AEC 16V 47UF RVS-16V470M-R(TS)	KLM-2115/6/7 NX5R	10
254084322	AEC 25V 22UF RVS-25V220M-R(TS)	KLM-2115/6/7 NX5R	10
254086033	AEC50V0.33UF RVS-50VR33M-R(TS)	KLM-2115/6/7 NX5R	10
254701433	6.3V 330UF RV-6V331MG68-R (TS)	KLM-2115/6/7 NX5R	20
254801347	AEC6.3V 47UF RVB-6V470M-R(TS)	KLM-2115/6/7 NX5R	20
254803210	AEC 16V 10UF RVB-16V100M-R(TS)	KLM-2115/6/7 NX5R	20
304000070	TR 2SA812-T1B (M5-7) (TS)	KLM-2115/6/7 NX5R	10
304020230	TR 2SC3661-TA/TB(3K) (TS)	KLM-2115/6/7 NX5R	10
304020280	TR 2SJ168(TE85R/L) (TS)	KLM-2115/6/7 NX5R	50
312051300	LED GL2HD6	KLM-2115/6/7 NX5R	10
312051400	LED GL2HY6	KLM-2115/6/7 NX5R	10
312051500	LED GL2EG6	KLM-2115/6/7 NX5R	10
313003900	LCD DMF50780NU-LYR	M.PART	3,800
314001400	DIODE RLS-73 TE-11 (TS)	KLM-2115/6/7 NX5R	10
314028500	SCHOTTKY DIODE SS24-G2 (TS)	KLM-2115/6/7 NX5R	30
314028600	DIODE S1D-G11/S1G-G11 (TS)	KLM-2115/6/7 NX5R	10
315000500	DOUBLE DIODE MC-2840-T12-1(TS)	KLM-2115/6/7 NX5R	10
320004639	IC HD6413002F16 (S)	KLM-2115/6/7 NX5R	760
320009078	IC NJM78M12FA	KLM-2115/6/7 NX5R	40
320009079	IC NJM78M12FA	KLM-2115/6/7 NX5R	40
320012181	IC MB87A104APF-G-BND (S)	KLM-2115/6/7 NX5R	1,120
320012248	IC MBM29F800BA-90PF X8240 (S)	KLM-2115/6/7 NX5R	780

320013070	IC LH535GNK/LHMN5KN8 (S)	KLM-2115/6/7 NX5R	450
320013071	IC LH535GNM/LHMN5KNA (S)	KLM-2115/6/7 NX5R	450
320013072	IC LH535GNL/LHMN5KN9 (S)	KLM-2115/6/7 NX5R	450
320013073	IC PQ1CG1	KLM-2115/6/7 NX5R	160
324001015	IC UPC4570G2-E2 (TS)	KLM-2115/6/7 NX5R	30
324003014	IC TC7W04FU (TE12L) (TS)	KLM-2115/6/7 NX5R	30
324003023	IC TC7S08FU (TE85L) (TS)	KLM-2115/6/7 NX5R	20
324003024	IC TC7W32FU (TE85L) (TS)	KLM-2115/6/7 NX5R	20
324003025	IC TC7WU04FU (TE12L) (TS)	KLM-2115/6/7 NX5R	20
324004176	IC HD74HC05FPEL (TS)	KLM-2115/6/7 NX5R	20
324005004	IC LC321664BJ-80-TLM (TS)	KLM-2115/6/7 NX5R	220
324009004	IC NJM78L05UA-TE1 (TS)	KLM-2115/6/7 NX5R	30
324009039	IC NJM4580M-TE1 (TS)	KLM-2115/6/7 NX5R	40
324011012	IC M51953BFP-600C (TS)	KLM-2115/6/7 NX5R	20
324011021	IC M5M34050FP-42A (TS)	KLM-2115/6/7 NX5R	130
324011030	IC M5M44260CJ-7-RO (TS)	KLM-2115/6/7 NX5R	390
324013017	IC LH645CK2	KLM-2115/6/7 NX5R	230
324021013	IC SN74LV74ANS-EL (TS)	KLM-2115/6/7 NX5R	20
324036008	IC PCM1716E/2K(TS)	KLM-2115/6/7 NX5R	260
334000600	PHOTO COUPLER PC-410K (TS)	KLM-2115/6/7 NX5R	100
335400130	X'TAL OSC SMD32 0320000E16F6GR	KLM-2115/6/7 NX5R	70
335400137	X'TAL OSC CSTCV16.00MXJOC3-TC2	KLM-2115/6/7 NX5R	40
343021150	KLM-2115/6/7 BOARD TP CUTH	KLM-2115/6/7 NX5R	1,220
362008000	VR RK097122200FA	KLM-2115/6/7 NX5R	190
362008500	VR RK09K12AOAOY	KLM-2115/6/7 NX5R	80
370004500	REC EC16B242041S	KLM-2115/6/7 NX5R	110
375010500	TACT SW EVQPAC09K	KLM-2115/6/7 NX5R	10
400014500	POWER TRANSFORMER TC-066	M.PART	750
402004600	COIL 2943-666673	KLM-2115/6/7 NX5R	30
402005700	SK COIL SK-15P-045-300	KLM-2115/6/7 NX5R	150
404000500	CHIP INDUCTOR BLM21B102SPT TS	KLM-2115/6/7 NX5R	10
430008420	F.D SED-02SET (2P)	M.PART	220
454004300	PHONE JACK YKB21-5012	KLM-2115/6/7 NX5R	20
454008300	PHONE JACK YKB21-5130	KLM-2115/6/7 NX5R	20
454009400	PIN JACK YKC21-3226	KLM-2115/6/7 NX5R	50
464002201	FUSE 125V 1.6A GGS1.6	M.PART US	30
464002201	FUSE 125V 1.6A GGS1.6	M.PART JP	30
464002201	FUSE 125V 1.6A GGS1.6	M.PART CN	30
464002201	FUSE 125V 1.6A GGS1.6	M.PART EX	30
464011701	FUSE 250V 500MA GGS500	M.PART EX	30
464011701	FUSE 250V 500MA GGS500	M.PART JP	30
464011701	FUSE 250V 500MA GGS500	M.PART US	30
464011701	FUSE 250V 500MA GGS500	M.PART CN	30
464061301	FUSE 250V T200MA 19195-200MA	M.PART FR	30
464061301	FUSE 250V T200MA 19195-200MA	M.PART GE	30
464061301	FUSE 250V T200MA 19195-200MA	M.PART UK	30
464061301	FUSE 250V T200MA 19195-200MA	M.PART WG	30
464061301	FUSE 250V T200MA 19195-200MA	M.PART AU	30
464062201	FUSE 250V T1.6A 19195-1.6A	M.PART FR	30
464062201	FUSE 250V T1.6A 19195-1.6A	M.PART AU	30
464062201	FUSE 250V T1.6A 19195-1.6A	M.PART GE	30
464062201	FUSE 250V T1.6A 19195-1.6A	M.PART UK	30
464062201	FUSE 250V T1.6A 19195-1.6A	M.PART WG	30
471050402	CONNECTOR TOP B4P-VH (U)	KLM-2115/6/7 NX5R	10
471050902	CONNECTOR TOP B9P-VH (U)	KLM-2115/6/7 NX5R	20
471060801	CONNECTOR TOP B8B-EH-A (U)	KLM-2115/6/7 NX5R	10
471070901	CONNECTOR TOP B9B-PH-K-S (U)	KLM-2115/6/7 NX5R	10
471071001	CONNECTOR TOP B10B-PH-K-S (U)	KLM-2115/6/7 NX5R	10

472060801	CONNECTOR SIDE S8B-EH (U)	KLM-2115/6/7 NX5R	10
474021300	DIN CONNECTOR TCS7927-28-401	KLM-2115/6/7 NX5R	60
474024600	CONNECTOR B20B-PHDSS	KLM-2115/6/7 NX5R	30
474024900	CONNECTOR TSW-113-07-G-D	KLM-2115/6/7 NX5R	110
475002380	HARNESS HNS-2380	M.PART	80
475002381	HARNESS HNS-2381 BOARD IN	KLM-2115/6/7 NX5R	80
475002382	HARNESS HNS-2382	M.PART	160
475002384	HARNESS HNS-2384	M.PART	10
475002760	HARNESS HNS-2760	M.PART	160
480010200	DIN SOCKET YKF51-5046	KLM-2115/6/7 NX5R	110
500020400	RUBBER FOOT SJ-5012 BK	M.PART	10
500028800	X-572 HP JACK SPACER	M.PART	10
515002300	FUSE HOLDER S-N5057 #01	KLM-2115/6/7 NX5R	10
540007200	WIRE BAND PLT-1M	M.PART	10
540023300	INLET SOCKET M1934	KLM-2115/6/7 NX5R	20