

DUPLEXING UNIT DU-82

CIRCUIT DIAGRAM

REVISION 0

Canon

JAN. 1999

RY8-6307-000

PREFACE

These circuit diagrams for the DUPLEXING UNIT DU-82 are provided to aid service technicians when ordering PCB parts.

When major changes are made to the products, a revised version of the circuit diagrams will be produced. However in other cases, information will be communicated when necessary by service information.

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Use of this manual should be strictly supervised to avoid disclosure of confidential information.

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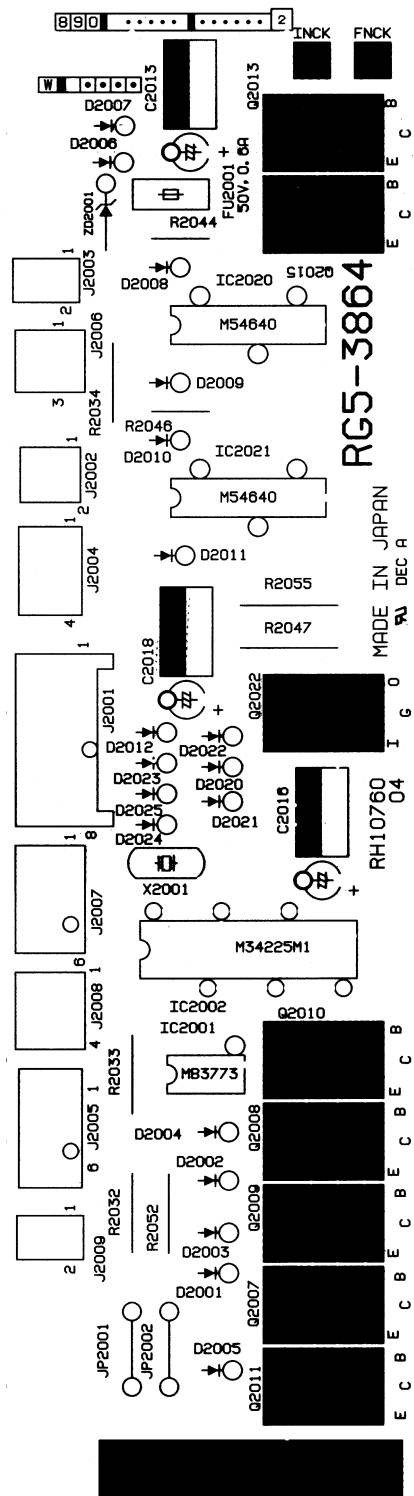
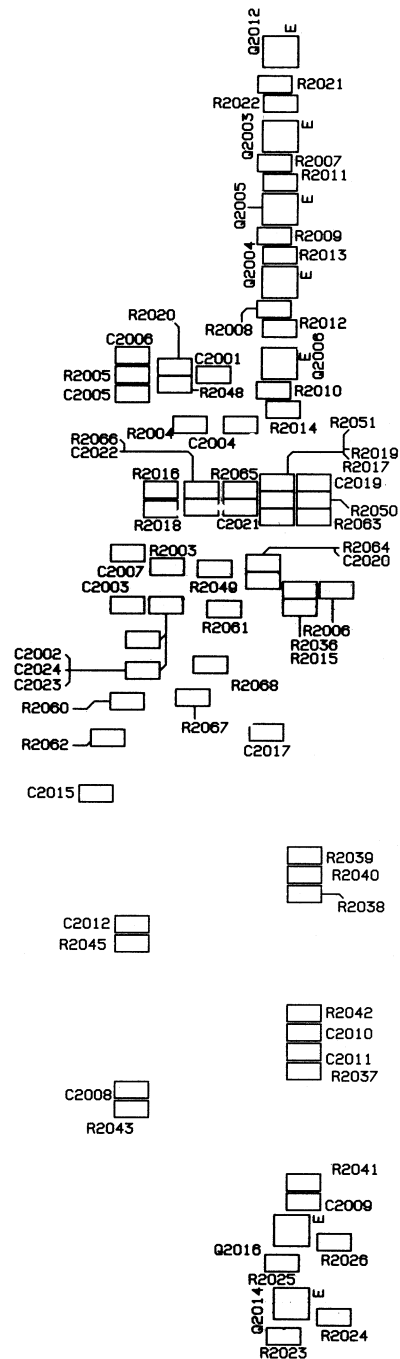
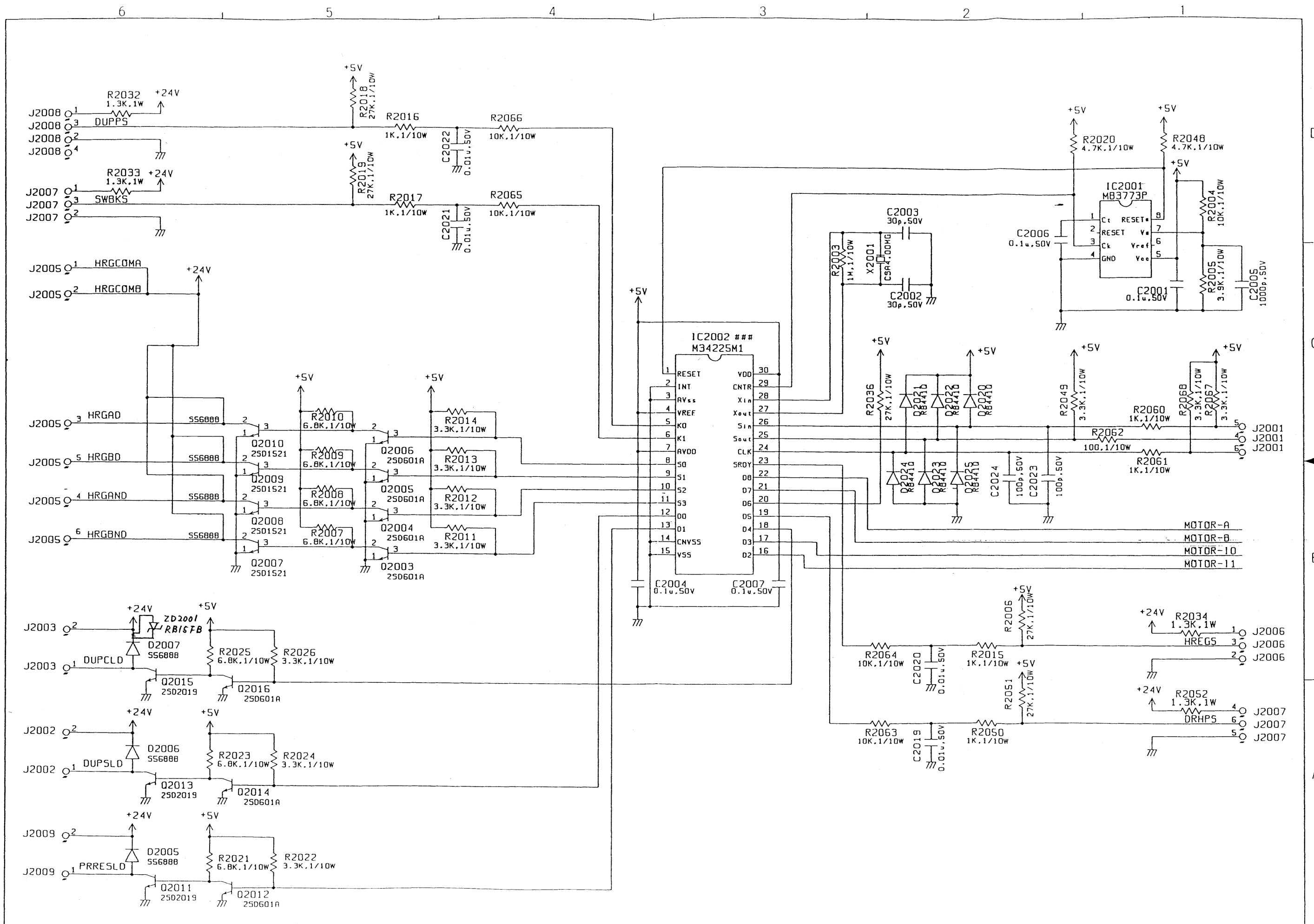


FIGURE CDS1 DUPLEXING DRIVER PCB ASS'Y (2/2)





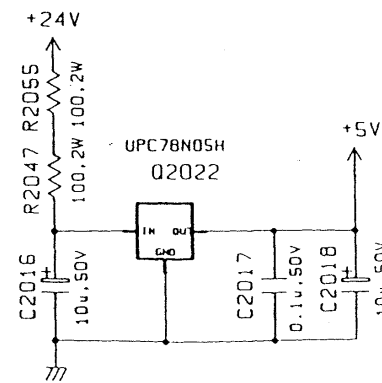
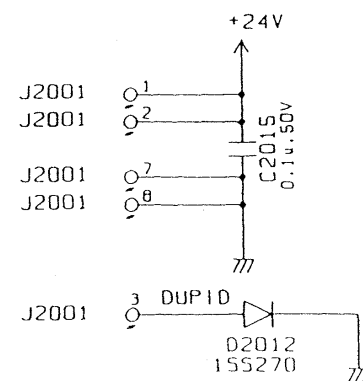
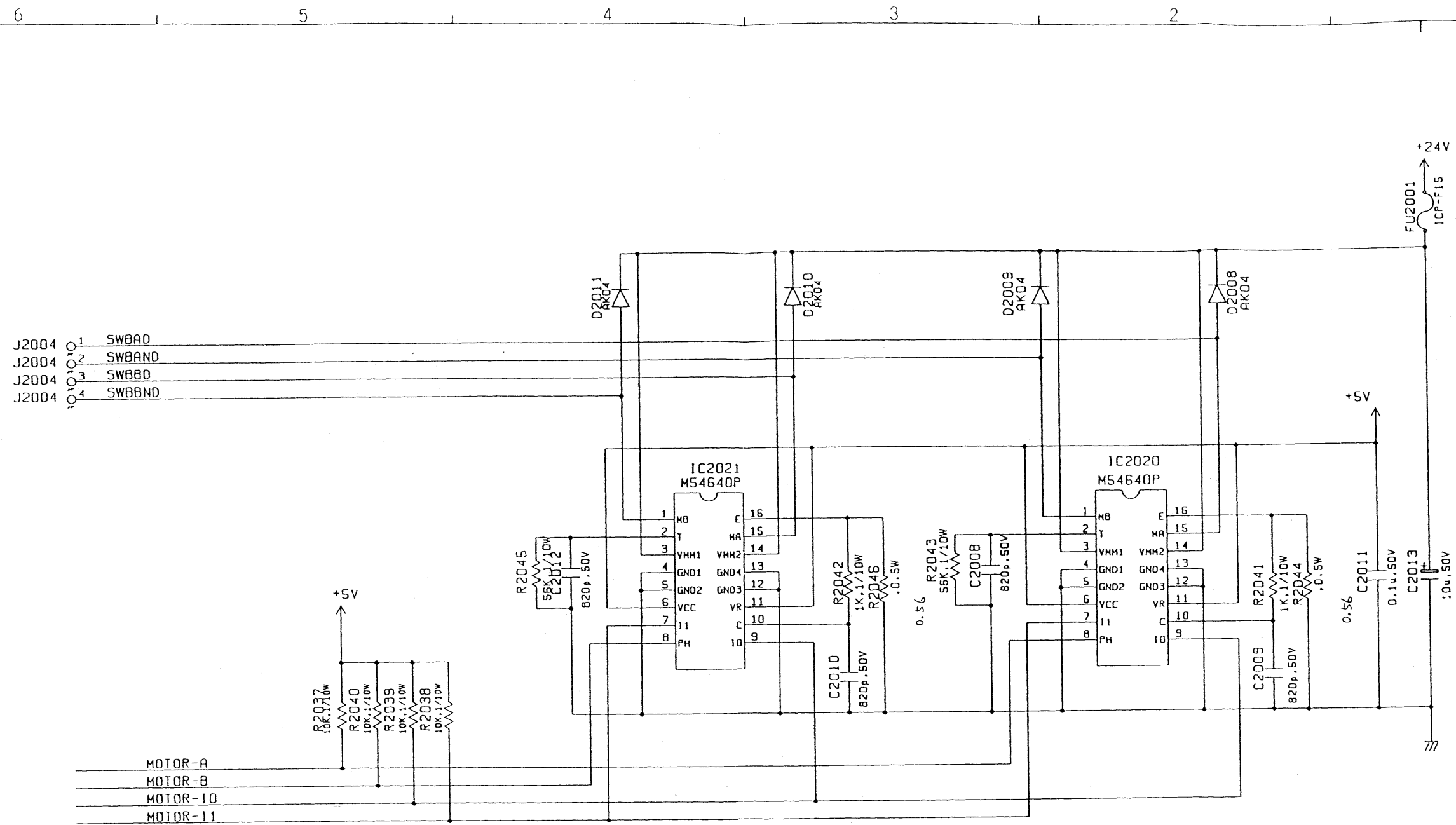


FIGURE & KEY NO.	PART NUMBER	R A N K	Q' T Y	DESCRIPTION	SERIAL NUMBER / REMARKS
CDS1 -	RG5-3864-000		1	DUPLEXING DRIVER PCB ASS'Y	
C2001	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2002	VW4-2635-300		1	CAPACITOR, 30PF, 50V	
C2003	VW4-2635-300		1	CAPACITOR, 30PF, 50V	
C2004	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2005	VW4-2634-102		1	CAPACITOR, 1000PF, 50V	
C2006	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2007	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2008	VW4-2234-821		1	CAPACITOR, 820PF, 50V	
C2009	VW4-2234-821		1	CAPACITOR, 820PF, 50V	
C2010	VW4-2234-821		1	CAPACITOR, 820PF, 50V	
C2011	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2012	VW4-2234-821		1	CAPACITOR, 820PF, 50V	
C2013	VC8-3040-106		1	CAPACITOR, 10UF, 50V	
C2015	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2016	VC8-3040-106		1	CAPACITOR, 10UF, 50V	
C2017	VC5-8040-104		1	CAPACITOR, 0.1UF, 50V	
C2018	VC8-3040-106		1	CAPACITOR, 10UF, 50V	
C2019	VW4-2835-103		1	CAPACITOR, 0.01UF, 50V	
C2020	VW4-2835-103		1	CAPACITOR, 0.01UF, 50V	
C2021	VW4-2835-103		1	CAPACITOR, 0.01UF, 50V	
C2022	VW4-2835-103		1	CAPACITOR, 0.01UF, 50V	
C2023	VW4-2835-101		1	CAPACITOR, 100PF, 50V	
C2024	VW4-2835-101		1	CAPACITOR, 100PF, 50V	
D2001	WA1-0972-000		1	DIODE, S5688B	
D2002	WA1-0972-000		1	DIODE, S5688B	
D2003	WA1-0972-000		1	DIODE, S5688B	
D2004	WA1-0972-000		1	DIODE, S5688B	
D2005	WA1-0972-000		1	DIODE, S5688B	
D2006	WA1-0972-000		1	DIODE, S5688B	
D2007	WA1-0972-000		1	DIODE, S5688B	
D2008	WA1-0777-000		1	DIODE, AK04	
D2009	WA1-0777-000		1	DIODE, AK04	
D2010	WA1-0777-000		1	DIODE, AK04	
D2011	WA1-0777-000		1	DIODE, AK04	
D2012	WA1-0827-000		1	DIODE, 1SS270	
D2020	WA1-5410-000		1	DIODE, RB441Q	
D2021	WA1-5410-000		1	DIODE, RB441Q	
D2022	WA1-5410-000		1	DIODE, RB441Q	
D2023	WA1-5410-000		1	DIODE, RB441Q	
D2024	WA1-5410-000		1	DIODE, RB441Q	
D2025	WA1-5410-000		1	DIODE, RB441Q	
FU2001	VD7-0026-000		1	FUSE, 50V, 0.6A	
IC2001	WA4-0672-000		1	IC, MB3773P	
IC2002	RH4-0232-000		1	IC, CPU	
IC2020	WA4-1035-000		1	TRANSISTOR ARRAY, M54640P	
IC2021	WA4-1035-000		1	TRANSISTOR ARRAY, M54640P	
J2001	VS1-5046-008		1	CONNECTOR, 8P	
J2002	VS1-5451-002		1	CONNECTOR, 2P	
J2003	VS1-1029-002		1	CONNECTOR, 2P	

FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	SERIAL NUMBER / REMARKS
CDS1 -	J2004	VS1-5451-004	1	CONNECTOR, 4P	
	J2005	VS1-5451-006	1	CONNECTOR, 6P	
	J2006	VS1-1029-003	1	CONNECTOR, 3P	
	J2007	VS1-1029-006	1	CONNECTOR, 6P	
	J2008	VS1-1029-004	1	CONNECTOR, 4P	
	J2009	VS1-1029-002	1	CONNECTOR, 2P	
	Q2003	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2004	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2005	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2006	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2007	WA2-0991-000	1	TRANSISTOR, 2SD1521 10W	
	Q2008	WA2-0991-000	1	TRANSISTOR, 2SD1521 10W	
	Q2009	WA2-0991-000	1	TRANSISTOR, 2SD1521 10W	
	Q2010	WA2-0991-000	1	TRANSISTOR, 2SD1521 10W	
	Q2011	WA2-1116-000	1	TRANSISTOR, 2SD2019	
	Q2012	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2013	WA2-1116-000	1	TRANSISTOR, 2SD2019	
	Q2014	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2015	WA2-1116-000	1	TRANSISTOR, 2SD2019	
	Q2016	WA2-1507-000	1	TRANSISTOR, 2SD601A	
	Q2022	WA4-1189-000	1	REGULATOR	
	R2004	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2005	VV1-7118-392	1	RESISTOR, 3.9KOHM, 1/10W	
	R2006	VV1-7118-273	1	RESISTOR, 27KOHM, 1/10W	
	R2007	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2008	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2009	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2010	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2011	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2012	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2013	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2014	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2015	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2016	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2017	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2018	VV1-7118-273	1	RESISTOR, 27KOHM, 1/10W	
	R2019	VV1-7118-273	1	RESISTOR, 27KOHM, 1/10W	
	R2020	VV1-7118-472	1	RESISTOR, 4.7KOHM, 1/10W	
	R2021	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2022	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2023	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2024	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2025	VV1-7118-682	1	RESISTOR, 6.8KOHM, 1/10W	
	R2026	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2032	VR5-3970-132	1	RESISTOR, 1.3KOHM, 1W	
	R2033	VR5-3970-132	1	RESISTOR, 1.3KOHM, 1W	
	R2034	VR5-3970-132	1	RESISTOR, 1.3KOHM, 1W	
	R2036	VV1-7118-273	1	RESISTOR, 27KOHM, 1/10W	
	R2037	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2038	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	

FIGURE & KEY NO.	PART NUMBER	R A N K	Q' T Y	DESCRIPTION	SERIAL NUMBER / REMARKS
CDS1 -	R2039	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2040	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2041	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2042	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2043	VV1-7118-563	1	RESISTOR, 56KOHM, 1/10W	
	R2044	VR7-7290-628	1	RESISTOR, 0.62 OHM, 1/2W	
	R2045	VV1-7118-563	1	RESISTOR, 56KOHM, 1/10W	
	R2046	VR7-7290-628	1	RESISTOR, 0.62 OHM, 1/2W	
	R2047	VR5-0820-101	1	RESISTOR, 100 OHM, 2W	
	R2048	VV1-7118-472	1	RESISTOR, 4.7KOHM, 1/10W	
	R2049	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2050	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2051	VV1-7118-273	1	RESISTOR, 27KOHM, 1/10W	
	R2052	VR5-3970-132	1	RESISTOR, 1.3KOHM, 1W	
	R2055	VR5-0820-101	1	RESISTOR, 100 OHM, 2W	
	R2060	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2061	VV1-7118-102	1	RESISTOR, 1KOHM, 1/10W	
	R2062	VV1-7118-101	1	RESISTOR, 100 OHM, 1/10W	
	R2063	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2064	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2065	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2066	VV1-7118-103	1	RESISTOR, 10KOHM, 1/10W	
	R2067	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	R2068	VV1-7118-332	1	RESISTOR, 3.3KOHM, 1/10W	
	X2001	WK2-0185-000	1	CERAMIC OSCILLATOR	

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PART NUMBER	FIGURE & KEY NO.	PART NUMBER	FIGURE & KEY NO.	PART NUMBER	FIGURE & KEY NO.
RG5-3864-000	CDS1-	VW4-2835-103	CDS1- C2020		
RH4-0232-000	CDS1- IC2002		CDS1- C2021		
VC5-8040-104	CDS1- C2001	WA1-0777-000	CDS1- C2022		
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	CDS1- C2006		CDS1- D2009		
	CDS1- C2007		CDS1- D2010		
	CDS1- C2011		CDS1- D2011		
	CDS1- C2015	WA1-0827-000	CDS1- D2012		
VC8-3040-106	CDS1- C2017	WA1-0972-000	CDS1- D2001		
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	CDS1- C2016		CDS1- D2003		
	CDS1- C2018		CDS1- D2004		
VD7-0026-000	CDS1- FU2001		CDS1- D2005		
VR5-0820-101	CDS1- R2047		CDS1- D2006		
	CDS1- R2055		CDS1- D2007		
VR5-3970-132	CDS1- R2032	WA1-5410-000	CDS1- D2020		
	CDS1- R2033		CDS1- D2021		
	CDS1- R2034		CDS1- D2022		
	CDS1- R2052		CDS1- D2023		
VR7-7290-628	CDS1- R2044		CDS1- D2024		
	CDS1- R2046		CDS1- D2025		
VS1-1029-002	CDS1- J2003	WA2-0991-000	CDS1- Q2007		
	CDS1- J2009		CDS1- Q2008		
	CDS1- J2006		CDS1- Q2009		
VS1-1029-003	CDS1- J2008		CDS1- Q2010		
VS1-1029-004	CDS1- J2007	WA2-1116-000	CDS1- Q2011		
VS1-5046-008	CDS1- J2001		CDS1- Q2013		
VS1-5451-002	CDS1- J2002		CDS1- Q2015		
VS1-5451-004	CDS1- J2004	WA2-1507-000	CDS1- Q2003		
VS1-5451-006	CDS1- J2005		CDS1- Q2004		
VV1-7118-101	CDS1- R2062		CDS1- Q2005		
VV1-7118-102	CDS1- R2015		CDS1- Q2006		
	CDS1- R2016		CDS1- Q2012		
	CDS1- R2017		CDS1- Q2014		
	CDS1- R2041		CDS1- Q2016		
	CDS1- R2042	WA4-0672-000	CDS1- IC2001		
	CDS1- R2050	WA4-1035-000	CDS1- IC2020		
	CDS1- R2060		CDS1- IC2021		
	CDS1- R2061	WA4-1189-000	CDS1- Q2022		
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	CDS1- C2012				
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VW4-2635-300	CDS1- C2002				
	CDS1- C2003				
VW4-2835-101	CDS1- C2023				
	CDS1- C2024				
VW4-2835-103	CDS1- C2019				

B CIRCUIT REVISION CHART

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