

TRANSISTOR REPLACEMENT GUIDE

P / N	Description	Manufacturer, P/N	Obs	Substitute	Notes
13200100	TRANSISTOR Ge PNP	Motorola MA-113	X		
13200200	TRANSISTOR SI NPN	2N720A	X	13225400	1, 2
13200300	TRANSISTOR SI PNP	2N657	X	13215300	3, 5
13200400	TRANSISTOR SI NPN	16A607	X	13225400	
13200500	TRANSISTOR SI NPN	RCA 35558	X	13225400	1, 2
13200700	TRANSISTOR SI PNP	2N3638	X	13230400	1, 2
13200900	TRANSISTOR GE NPN	2N292	X	13218100	1, 2, 3, Part is Ge Rpl is Si
13201000	TRANSISTOR GE NPN	GE 4JX1C1554	X	13210600	1
13201100	TRANSISTOR SI NPN	Fairchild S1239	X	13225400	1, 2
13201400	TRANSISTOR SI NPN	SE7001	X	13215300	5
13201500	TRANSISTOR SI NPN	SE3001	X	13218100	1, 2
13201600	TRANSISTOR SI NPN	SE4001			
13201700	TRANSISTOR SI NPN	Similar to 13200200	X	13231700	1, 2
13201800	TRANSISTOR SI NPN	2N3403	X	13231700	1, 2
13202000	TRANSISTOR SI PNP	2N3906	X	13230400	1, 2
13202100	TRANSISTOR SI NPN	2N3569	X	13231700	1, 2
13202200	TRANSISTOR SI NPN	SE7005	X	13215300	5
13202300	TRANSISTOR SI NPN	2N3767, MJ2250 BROWN		13221700	
13202400	TRANSISTOR SI PNP	2N3741, MJ2254 RED		13221600	
13202500	TRANSISTOR SI NPN	2N3714	X	13220800	3, 5
13202600	TRANSISTOR SI NPN	2N3417	X	13231700	1
13202700	TRANSISTOR SI PNP	2N3638	X	13230400	1
13202800	TRANSISTOR SI NPN ORANGE			13221700	3, 5
13202900	TRANSISTOR SI PNP	2N4249	X	13225500	1, 2
13203000	TRANSISTOR SI NPN		X	13225400	
13203100	TRANSISTOR SI PNP	2N4250	X	13225500	1, 2
13203200	TRANSISTOR SI PNP		X	13230400	1, 2
13203300	TRANSISTOR SI NPN	2N4297	X	13221700	3, 5; TO-66
13203600	TRANSISTOR SI NPN		X	13220800	3, 5
13203800	TRANSISTOR SI NPN	2N2102	X	13215300	1, 2, 3, 4, 5

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13203900	TRANSISTOR SI PNP	2N4036	X	13215400	1, 2, 3, 4, 5
13204000	TRANSISTOR SI NPN	2N4114	X	13220800	3, 5
13204100	TRANSISTOR SI NPN	BC169C	X	13225400	1, 2
13204200	TRANSISTOR: SI NPN Small Sig	2N3405	X	13231700	1, 2
13204300	TRANSISTOR SI NPN		X	13220800	3
13204500	TRANSISTOR Dual Gate MOSFET	3N140	X	13229400	3, 5
13204600	TRANSISTOR SI NPN		X	13222700	1, 2, 5
13204700	TRANSISTOR Dual Gate MOSFET	3N141	X	13229400	3
13204800	TRANSISTOR Dual Gate MOSFET	RCA 40468	X	13229400	3
13204900	TRANSISTOR JFET		X	13209700	1
13205000	TRANSISTOR SI NPN		X	13225400	
13205100	TRANSISTOR SI NPN		X	13225400	1
13205200	TRANSISTOR SI NPN		X	13230300	1, 2
13205400	TRANSISTOR SI NPN	2n5210	X	13225400	1
13205500	TRANSISTOR SI NPN	2n5089	X	13225400	1
13205600	TRANSISTOR SI PNP	Central Semi 2N5087	x	13225500	1
13205700	TRANSISTOR SI NPN	BC168C	X	13225400	
13205800	TRANSISTOR Dual Gate MOSFET	RCA 40468	X	13229400	
13205900	TRANSISTOR SI NPN	2N3739	X	13221700	5
13206000	TRANSISTOR Dual Gate MOSFET		X	13229400	
13206100	TRANSISTOR Dual Gate MOSFET	MFE3004	X	13229400	
13206200	TRANSISTOR:NPN LOW NOISE	2N5376	X	13225400	1
13206300	TRANSISTOR: SI NPN	BC169C	X	13225400	
13206400	TRANSISTOR Dual Gate MOSFET		X	13229400	
13206500	TRANSISTOR SI NPN	2N6374	X	13222700	1, 2, 4, 5
13206600	TRANSISTOR: 2N3866	2N3866			
13206800	TRANSISTOR JFET		X	13209700	1
13206900	TRANSISTOR SI NPN		X	13225400	1
13207000	TRANSISTOR SI NPN	2N5303	X	13220800	3, 5
13207200	TRANSISTOR: SILICON NPN		X	13208000	
13207300	TRANSISTOR N-CHANNEL JFET	Selected 2N5486	X	13209700	1, 3
13207400	TRANSISTOR SI PNP LOW NOISE	Siemens BC159B	X	13225500	1, 2
13207500	TRANSISTOR NPN LOW NOISE	Siemens BC147B	X	13225400	1, 2
13207600	TRANSISTOR:NPN SI	Motorola 2N5222	X	13218100	1, 3

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13207700	TRANSISTOR NPN SI	Siemens BC148C	X	13225400	1, 2
13207800	TRANSISTOR: PLASTIC POWER		X	13210200	
13207900	TRANSISTOR SI NPN				
13208000	TRANSISTOR: PLASTIC POWER	Motorola 2N4923			
13208100	TRANSISTOR: PLASTIC POWER	On Semi MJE340			
13208200	TRANSISTOR R/B 132110	BF194	X	13218100	1, 2
13208500	TRANSISTOR NPN POWER		X	13220800	
13208600	TRANSISTOR Dual Gate MOSFET	MEM655	X	13229400	
13208700	TRANSISTOR:NPN UHF OSC		X	13218100	1
13208800	TRANSISTOR Dual Gate MOSFET	3N201	x	13229400	
13208900	TRANSISTOR NPN	BC169C	X	13225400	
13209000	TRANSISTOR NPN DAR	Ctrl.semi Mpsa27	X	13230300	
13209100	TRANSISTOR NPN		X	13225400	1, 2
13209200	TRANSISTOR R/B 132235	Siemens BC238C	X	13225400	1
13209300	TRANSISTOR:SI.NPN	Siemens BC239C	X	13225400	1
13209400	TRANSISTOR SI NPN	Siemens BC414C	X	13225400	1
13209500	TRANSISTOR SI NPN		X	13225400	1
13209600	TRANSISTOR PNP	Siemens BC416C	X	13225500	1
13209700	TRANSISTOR N-CHANNEL JFET	TI 2N5245			
13209800	TRANSISTOR Ge NPN		X	07010600	1, Ge
13209900	TRANSISTOR SI N-CHAN JFET	Siliconix E300			
13210000	TRANSISTOR PNP	Motorola MPSA66	X	13230600	Darlington
13210200	TRANSISTOR: SIL. NPN	MJE340			
13210300	TRANSISTOR NPN POWER		X	13220800	
13210500	TRANSISTOR NPN	Siemens BC239C	X	13225400	1
13210600	TRANSISTOR: NPN	2N6374	X	13222700	1, 2, 4, 5
13210700	TRANSISTOR 2SK41E (2SK19)	2N5485/2SK41E	X	13209700	1. 3
13210800	TRANSISTOR NPN	2SC1047C			
13210900	TRANSISTOR FET	2SK710DC			
13211000	TRANSISTOR NPN	Siemens BF254	X	13218100	1, 3
13211100	TRANSISTOR NPN	OV/MPSA13	X	13230300	Darlington
13211200	TRANSISTOR: OV/2SC828R		X	13225400	
13211300	TRANSISTOR NPN	2N5201			
13211400	TRANSISTOR PNP	2SA640K	X	13225500	1

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13211500	TRANSISTOR: OV/2SA684R	2SA684R			
13211700	TRANSISTOR PNP	2N5087	X	13225500	1
13211800	TRANSISTOR: OV/2SK34B	2SK34B			
13211900	TRANSISTOR NPN	2SC1124-2			
13212000	TRANSISTOR PNP	2SA706A			
13212100	TRANSISTOR NPN	2SD3236			
13212200	TRANSISTOR NPN	2SC711E			
13212300	TRANSISTOR: OV/2SA641M	2SA641M			
13212400	TRANSISTOR: OV/2SC9450	2SC9450			
13212500	TRANSISTOR: OV/2SC1384R	2SC1321R			
13212600	TRANSISTOR: OV/2SC1061C	2SC1061C			
13212700	TRANSISTOR: OV/2SD313	2SD313			
13212800	TRANSISTOR NPN POWER		X	13220800	
13213300	TRANSISTOR PNP POWER		X	13220900	
13213400	TRANSISTOR NPN POWER		X	13220800	
13213600	TRANSISTOR NPN	NSC MPSA42; Central Semi Mpsa42	X	13231600	
13213700	TRANSISTOR:40V,1W NPN	Motorola MPSU01A			
13213800	TRANSISTOR:40V,1W PNP	Motorola MPSU51A			
13214000	TRANSISTOR NPN	MPSA20	X	13231700	
13214300	TRANSISTOR NPN	MPS4124	X	13231700	
13214700	TRANSISTOR PNP SI	NSC MPSA92, Central Semi MPSA92			
13214800	TRANSISTOR PNP UNIWATT	MPSU57, Central Semi Cenu57			
13214900	TRANSISTOR NPN UNIWATT	MPSU07, Central Semi Cenu07			
13215000	TRANSISTOR SI PNP	MPS4126	X	13230400	
13215100	TRANSISTOR SI PNP		X	13223000	
13215200	TRANSISTOR SI NPN		X	13222900	
13215300	TRANSISTOR SI NPN	2N5320, Sil. 2n5681			
13215400	TRANSISTOR SI PNP	2N5322			
13215500	TRANSISTOR DUAL NPN	LM114	X	13225400	1, 2 Dual - Req two 132254
13215600	TRANSISTOR NPN	2SC1000			
13215700	TRANSISTOR NPN	2SC1222			
13215900	TRANSISTOR NPN	2N5087	X	13225500	1
13216000	TRANSISTOR NPN Low Noise	BC414C	X	13225400	
13216400	TRANSISTOR NPN POWER		X	13220800	

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13216500	TRANSISTOR PNP POWER		X	13220900	
13216600	TRANSISTOR PNP	D45E2			Darlington
13216700	TRANSISTOR NPN	D44E2			Darlington
13216800	TRANSISTOR: 3000042				
13216900	TRANSISTOR: 30200271				
13217000	TRANSISTOR P CHAN JFET	MOT MPF970	X	13232000	
13217100	TRANSISTOR NPN SI	Samsung or On MPSA05DLRA	X	13231700	
13217200	TRANSISTOR PNP SI	On Semi MPSA55RLRA	X	13230400	
13217300	TRANSISTOR PNP SI POWER	FT2955	X	13222800	
13217400	TRANSISTOR NPN SI POWER	FT3055	X	13222700	
13217500	TRANSISTOR NPN	Siemens BC546C	X	13225400	1
13217600	TRANSISTOR PNP	Siemens BC560C	X	13225500	1
13217800	TRANSISTOR RF FET	Siliconix, Fairchild, On Semi J310	x	13230500	
13217900	TRANSISTOR NPN RF	LT1001A			
13218100	TRANSISTOR NPN RF OSC	Samsung Or Mot MPSH10			
13218200	TRANSISTOR PNP	On Semi MPSA64 Mpsa64g	X	13230600	Darlington
13218300	TRANSISTOR NPN MED PWR	On Semi MJE15030	X	13231000	
13218400	TRANSISTOR PNP SI	On Semi MJE15031, Fairchild FT417A	X	13231100	
13218500	TRANSISTOR NPN Low Noise	2N6429A	X	13225400	
13218600	TRANSISTOR NPN POWER		X	13220800	
13218700	TRANSISTOR PNP,SELECTED	MPSU57			
13218800	TRANSISTOR NPN SI POWER	MJ15003	X	13220800	
13218900	TRANSISTOR PNP SI POWER	MJ15004	X	13220900	
13219300	TRANSISTOR N JFET	On Semi MPF4392 NSC PN4392	X	13231800	
13219400	TRANSISTOR PNP	NSD-U57 or MPS-U57, 2N6556	X	13223400	1, 2
13219500	TRANSISTOR NPN		X	13225400	1
13219600	TRANSISTOR NPN	NSD-U07 or MPS-U07, 2N6553	X	13223300	1, 2
13219700	TRANSISTOR NPN TO-66	MJ3247	X	13231000	1, 2, 3, 4, 5
13219800	TRANSISTOR PNP TO-66	MJ3237	X	13231100	1, 2, 3, 4, 5
13219900	TRANSISTOR Dual Gate MOSFET	3SK45B	X		
13220000	TRANSISTOR MIXER DUAL GATE	MOS FET 2SK59	X		
13220100	TRANSISTOR NPN OSILATOR	2SC710, 2N3710	X		
13220200	TRANSISTOR Dual Gate MOSFET	2SK39	X		
13220300	TRANSISTOR SI NPN	MJ4247	X	13222900	5

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13220400	TRANSISTOR SI PNP	MJ4237	X	13223000	5
13220500	FET DMOS DUAL GATE	MF521			
13220800	TRANSISTOR POWER NPN	On Semi MJ15003G			
13220900	TRANSISTOR POWER PNP	On Semi MJ15004G			
13221000	TRANSISTOR NPN	MDS21	X	Nte-171	
13221100	TRANSISTOR PNP		X	13223700	
13221200	TRANSISTOR NPN	On Semi MJ15024G			
13221300	TRANSISTOR PNP	On Semi MJ15025G			
13221400	TRANSISTOR NPN	2N6553			
13221500	TRANSISTOR NPN	2N5551		13225400	
13221600	TRANSISTOR PNP TO-66	2N6423			
13221700	TRANSISTOR NPN TO-66	2N4240		NTE175	
13221800	TRANSISTOR NPN Low Noise	MPSA05	X	13231700	Selected for Noise
13221900	TRANSISTOR PNP Low Noise	MPSA55	X	13230400	Selected for Noise
13222000	TRANSISTOR PFET 250 OHM	Calogic J176, Fairchild J176-d75z, J176			
13222200	TRANSISTOR N JFET	Fairchild J108/d27z Siliconix J108		13231900	
13222300	TRANSISTOR NPN	On Mps4124; Nsc 2n4124, Cntrl 2n4124	X	13231700	
13222400	TRANSISTOR PNP	On Mps4126; NSC 2n4126, Cntrl 2n4126	X	13230400	
13222600	TRANSISTOR P CHAN JFET	Siliconix J174 Vishay J174	X	13232000	
13222700	TRANSISTOR NPN SI	Motorola TIP41C			
13222800	TRANSISTOR PNP SI	Motorola TIP42B, TIP42C			
13222900	TRANSISTOR NPN POWER	On Semi MJ15018	X	13224600	
13223000	TRANSISTOR PNP POWER	On Semi MJ15019	X	13224700	
13223100	TRANSISTOR NPN POWER	Motorola Or Toshiba 2SC3298B	X	13232400	
13223200	TRANSISTOR PNP POWER	Motorola Or Toshiba 2SA1306B	X	13232300	
13223300	TRANSISTOR NPN	Toshiba 2SC3423-O or -Y			
13223400	TRANSISTOR:PNP	2SA1360			
13223500	TRANSISTOR NPN Low Noise	Toshiba 2SC2240BL	X	13225400	
13223600	TRANSISTOR PNP Low Noise	Toshiba #2SA970-BL	X	13225500	
13223700	TRANSISTOR PNP	2N5415			
13223800	TRANSISTOR NPN POWER	On Semi MJL3281A	X	13231300	
13223900	TRANSISTOR PNP POWER	On Semi MJL1302A	X	13231400	
13224000	TRANSISTOR NPN	2sc3424			
13224100	TRANSISTOR PNP	2sa1361			

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13224200	TRANSISTOR FET NCH PWR	Fairchild BUZZ71 or BUZ71A			
13224400	TRANSISTOR: NPN	Mot MJE180 or MJE182			
13224500	TRANSISTOR PNP	Mot MJE170 or MJE172			
13224600	TRANSISTOR NPN POWER	Motorola MJ15020			
13224700	TRANSISTOR POWER PNP	Motorola MJ15021			
13224800	TRANSISTOR NPN 300V	Sanyo 2SC3790D or 2SC3790E		NTE2501	
13224900	TRANSISTOR PNP 300V	Sanyo 2SA1480D or 2SA1480E		NTE2502	
13225000	TRANSISTOR DUAL NPN 120V	Sanyo 2sc3066g/f Obsolete	X	13225400	1, 2 Dual-Req two 132254
13225100	TRANSISTOR DUAL PNP 120V	Sanyo 2sa1239g/f Obsolete	X	13225500	1, 2 Dual-Req two 132255
13225200	TRANSISTOR DUAL NPN 50V	Sanyo 2sc3064g/f Obsolete	X	13231700	1, 2 Dual-Req two 132317
13225300	TRANSISTOR DUAL PNP 50V	Sanyo 2sa1237g/f Obsolete	X	13230400	1, 2 Dual -Req two 13230
13225400	TRANSISTOR NPN Low Noise	Sanyo 2sc2362kg-aa			
13225500	TRANSISTOR PNP Low Noise	Sanyo 2sa1016kg-aa			
13225600	TRANSISTOR DMOS FET	Toshiba 3sk114y			
13225700	TRANSISTOR SI NPN 25V	Kec Ktc2874-b-at/p Ktc2874-a-at/p			
13225800	TRANSISTOR NPN POWER	2SD1684 TO-126			
13225900	TRANSISTOR PNP POWER	2SB1144 TO-126			
13226000	TRANSISTOR MOSFET	Mot MTP50N05E/06E	X	13227600	Must Repl All
13226100	TRANSISTOR PNP	Toshiba 2sa1145-oy-tpe6	X	13232100	
13226200	TRANSISTOR NPN	Toshiba 2sc2705-oy-tpe6/alt -o, -y	X	13232200	
13226300	TRANSISTOR PNP	Kec # Kta1281-y-at/p, 2SB792			
13226600	TRANSISTOR FET P CH	Motorola Mta2955e	X	13228400	
13226700	TRANSISTOR PNP	Toshiba 2sa1837	X	13232300	
13226800	TRANSISTOR NPN	Toshiba 2sc4793 Or 2sc3298b	X	13232400	
13226900	TRANSISTOR FET 75A 50V	Motorola MTP75N05HD		13228700	Must Repl All
13227200	TRANSISTOR MOSFET	Motorola Mta30n06e			
13227300	TRANSISTOR PNP POWER	Panasonic 2sb1317-s Alt (-q,-p)	X	13231400	
13227400	TRANSISTOR NPN POWER	Panasonic 2sd1975-s Alt(-q,-p)	X	13231300	
13227500	TRANSISTOR FET	Harris - Rfp50n05e/rfp50n06le		13227600	Must Repl All
13227600	TRANSISTOR FET	Siemens Buz102s			
13227700	TRANSISTOR NPN	Sanyo 2SD1047D or 2SD1047E			
13227800	TRANSISTOR PNP	Sanyo 2SB817D or 2SB8177E			
13227900	TRANSISTOR MOSFET	Sanyo 2sk1421			
13228000	TRANSISTOR MOSFET	Motorola MTP2955E	X	13228400	

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13228100	TRANSISTOR PNP	Mot TIP147			Darlington
13228200	TRANSISTOR NPN	Mot TIP142			Darlington
13228400	TRANSISTOR P CH FET	Motorola Mtp2955v			
13228500	TRANSISTOR NPN	Toshiba 2sc3333, 2sc3334c (tpe2)			
13228600	TRANSISTOR PNP	Toshiba 2sa1320, 2sa1321c (tpe2)			
13228700	TRANSISTOR MOSFET	Harris Hrf 3205, IR IRF3205	X	13231500	
13228800	TRANSISTOR NPN	On Semi Mje15032	X	13231000	
13228900	TRANSISTOR PNP	On Semi Mje15033	X	13231100	
13229000	TRANSISTOR D MOS FET	Toshiba 3SK126	X	13232700	
13229100	TRANSISTOR NPN POWER	Toshiba 2sc5200-o Or R	X	13233300	
13229200	TRANSISTOR PNP POWER	Toshiba 2sa1943-o Or R	X	13233100	
13229300	TRANSISTOR PCH MOSFET	International Recifier / IRFU9014			
13229400	TRANSISTOR MOSFET MR73	NTE221			Dual Gate
13229500	TRANSISTOR NPN POWER	On Semiconductor BUL45d2	X	13231200	
13229600	TRANS: NPN 200W MJW3281A	On Semiconductor Mjw3281a	X	13231300	
13229700	TRANS: PNP 200W MJW1302A	On Semiconductor Mjw1302a	X	13231400	
13229800	TRANS NPN 200W 230V	On-semi MJL3281a	X	13231300	
13229900	TRANS PNP 200W 230V	On-semi MJL1302a	X	13231400	
13230000	TRANSISTOR NPN ThermalTrak	On Semiconductor NJL3281d	X	13233000	
13230100	TRANSISTOR PNP ThermalTrak	On Semiconductor NJL1302d	X	13233100	
13230200	TRANSISTOR NPN	Sanyo 2sd1207s-ae, Kec Ktc3209-y-at/p			
13230300	TRANSISTOR NPN DAR	On Semi Mpsa27rlrag			Darlington
13230400	TRANSISTOR PNP	On Semi Mpsa55rlrag , Mpsa56rlrag			
13230500	TRANSISTOR RF FET	On Semi J310g Siliconix J310-e3			
13230600	TRANSISTOR PNP	On Semi Mpsa64g; Fairchild Mpsa64			Darlington
13230700	TRANSISTOR NPN	On Semi Mps4124rlrag	X	13231700	
13231000	TRANSISTOR NPN	On Semi Mje15032g			
13231100	TRANSISTOR PNP	On Semi Mje15033g			
13231200	TRANSISTOR NPN POWER	On Semi BUL45d2g, BUX85g, TIP50g			
13231300	TRANSISTOR NPN 200W 230V	On Semi MJL3281AG			
13231400	TRANSISTOR PNP 200W 230V	On Semi MJL1302AG			
13231500	TRANSISTOR MOSFET	IRF3205PBF			
13231600	TRANSISTOR NPN	Mot Mpsa42g Nsc Mpsa42-t092			
13231700	TRANSISTOR NPN SI	On Semi Mpsa05rlrag, Mpsa06rlrag			

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13231800	TRANSISTOR N JFET	Mot Mpf4392g Fairch Pn4392			
13231900	TRANSISTOR N JFET	Fairch J108, Siliconix J108 Calogic J108			
13232000	TRANSISTOR P CHAN JFET	Calogic J174-tr-lf			
13232100	TRANSISTOR PNP	Toshiba 2sa1145-oy (te6,f,m)			
13232200	TRANSISTOR NPN	Toshiba 2sc2705-0 or 2sc2705-y			
13232300	TRANSISTOR PNP	Toshiba 2sa1837(f,m)		13231100	4, 5
13232400	TRANSISTOR NPN	Toshiba 2sc4793(f,m)		13231000	4, 5
13232500	TRANSISTOR NPN	Toshiba 2sc3333 (tpe2, F)		13235100	
13232600	TRANSISTOR PNP	Toshiba 2sa1320(f) Tpe2		13235200	
13232700	TRANSISTOR D MOS FET	Toshiba 3sk126(f)			
13232800	TRANSISTOR NPN POWER	Toshiba 2sc5200-0(q) Or 2sc5200-r	X	13231300	
13232900	TRANSISTOR PNP POWER	Toshiba 2sa1943-0(q) Or 2sa1943-r	X	13231400	
13233000	TRANSISTOR NPN ThermalTrak	On Semi NJL3281DG DC 0909 Or Later			
13233100	TRANSISTOR PNP ThermalTrak	On Semi NJL1302DG DC 0909 Or Later			
132332SP	MOSFET POWER 52A	Fuji 2sk3680-01			
13233300	TRANSISTOR NPN A05 SMD	On-semi Mmbta05lt3g, Mmbta06lt3g			
13233400	TRANSISTOR PNP A55 SMD	On-semi Mmbta55lt1g, mmbta56lt1g		13236000	
13233600	TRANSISTOR NPN 2SC4694 SMD	Toshiba 2sc4213bte85lf			
13233700	TRANSISTOR NCH MOSFET SMD	Renesas Rjk0331dpb, Nxp Psmn2r5-30			
13234000	TRANSISTOR PNP SMD	Rohm 2sar553pt100, Kec Kta1666-y-rtf/p			
13234100	TRANSISTOR NPN 2SC5994 SMD	2sc5994, Rohm 2scr553pt, Kec Ktc4379-y			
13234200	TRANSISTOR NPN 300V 2SC4449	Sanyo 2sc4449e-aa		13225100	
13234300	TRANSISTOR PNP 300V 2SA1689	Sanyo 2sa1689e-aa		13225200	
13234400	TRANSISTOR PNP 2SA1312 SMD	Toshiba 2sa1312-bl			
13234500	TRANSISTOR NPN 2SC3324 SMD	Toshiba 2sc3324-bl			
13234600	TRANS NPN W/10K/10K SMD	Rohm Dtc114eka-t146, Kec Krc1025			
13234700	TRANS NPN W/10K/47K SMD	Rohm Dtc114yka-t146			
13234800	TRANS PNP W/10K/10K SMD	Rohm Dta114eka-t146			
13234900	TRANSISTOR NCH SMD	On Mmbf4392lt1g, Fairch Mmbf4392			
13235000	TRANSISTOR NPN SMD	Rohm 2sd2704kt146, Toshiba 2sc3326-b			
13235100	TRANSISTOR NPN 300V BF420	Kec Bf420-at/p			
13235200	TRANSISTOR PNP 300V BF421	Kec Bf421-at/p			
13235300	TRANSISTOR NCH MOSFET SMD	Fairch Fqt1n80tf_ws, St Micro Stn1nk80z			
13235400	TRANSISTOR NCH SMD	Fairchild MMBFJ108			

TRANSISTOR REPLACEMENT GUIDE

13252300			X	13202300	
13252400			X	13202300	
13252500			X	13202300	
13252600			X	13202300	
13252700			X	13202400	
13252800			X	13202400	
13252900			X	13202400	
13253000			X	13202400	
13253100			X	13202400	
13253200			X	13202400	
13253300			X	13220800	
13253400			X	13220800	
13253500			X	13220800	
13253600			X	13220800	
13253700			X	13220800	
13253800			X	13220800	
13253900			X	13220800	
13254000			X	13220800	
13254100			X	13220800	
13254200			X	13220800	