Part No.	Replacement No.	Mfr.
ETK81-050 (Cont'd)		
	QM50HA-H	3 MITJ
ETL81-050		
	KS224510	1 WESY
	MJ100BE55	1 MOTA
	D67FFP5.6.7	3 GESY
	MG100G1AL3	3 TOSJ
	MJ10100	3 MOTA
	QM100HA-H	3 MITJ
	SPK1300	3 SOD
ETN31-055		
	MJ200AA55	1 MOTA
ETN81-050		
	KS324520	1 WESY
	MG200H1FL1	3 TOSJ
	MJ10200	3 MOTA
	QM200HA-H	3 MITJ
ETN81-055		
	PTC4200	1 PTC
	KS621K2010	3 WESY
	MG200H2CK1	3 TOSJ
EV31-050		
	PTC2400	1 PTC
	KS52450510	3 WESY
	QM50DY-H	3 MITJ
EV31T050		
	MJ15FG45	1 MOTA
EV1234		
	PTC2000	1 PTC
	KS221K0510	3 WESY
	QM50DY2H	3 MITJ
EV1234M		
	KD221K05	1 WESY
	MJ50BX100	3 MOTA
	QM50DY2H	3 MITJ
EV1255		
	PTC4100	1 PTC
	KD421K1010	3 WESY
	MG100M2CK1	3 TOSJ
	QM100DY2H	3 MITJ
EV1255-65M		
	KD421K10	1 WESY
	MJ100BX100	3 MOTA
	QM100DY2H	3 MITJ
	S2921	3 TOSJ
EV1277		
	KD221K03	1 WESY
	PTC2010	1 PTC
	KS221K0310	3 WESY
	MG25MCK1	3 TOSJ
	QM30DY2H	3 MITJ
EV1298		
	KD421K15	1 WESY
	PTC4000	1 PTC
	KD4215K150	3 WESY
	MG150M2CK1	3 TOSJ
	MJ150BX100	3 MOTA
	QM150DY2H	3 MITJ
	S2904	3 TOSJ
EVG31-050		
	KD224503	1 WESY
	MJ30BD45	1 MOTA
	PTC2200	1 PTC
	MG3062CL2	3 TOSJ
	PTC2200-1	3 PTC
	QM30DY-H	3 MITJ
EVK31-050		
	KD224505	1 WESY
	MJ50BD45	1 MOTA
	MG50G2CL2	3 TOSJ
	MJ50B2D45	3 MOTA
	PMD050PLA45	3 GESY
	PMD050PLA55	3 GESY
	PTC2400-1	3 PTC
	QM50DY-H	3 MITJ
EVK71-050		
	KD224575	1 WESY
	PTC2300-1	3 PTC
	QM75DY-H	3 MITJ
EVL31-050		
	KD324510	1 WESY
	MJ100BE55	1 MOTA
	QM100DY-H	3 MITJ
EVM31-050		
	KD324515	1 WESY
	QM150DY-H	3 MITJ
	S2931	3 TOSJ
EVM31-050A		
	MJ100BE55	1 MOTA
F3		
	P100F	2 GIC
FE100		
	2N3821	1 INL
		SIX
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE100A		
	2N3821	1 INL
		SIX
	BFW13	3 PHIN
	DE456	3 DGE
FE100A (Cont'd)		
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE102		
	2N4119	1 INL
		SIX
	THJ4119	3 SPR
	TMPF4119	3 SPR
	TP4119	3 SPR
FE102A		
	2N4119	1 INL
		SIX
	THJ4119	3 SPR
	TMPF4119	3 SPR
	TP4119	3 SPR
FE104		
	2N4118	1 INL
		SIX
	THJ4118	3 SPR
	TMPF4118	3 SPR
	TP4118	3 SPR
FE104A		
	2N4118	1 INL
		SIX
	THJ4118	3 SPR
	TMPF4118	3 SPR
	TP4118	3 SPR
FE200		
	2N3821	1 INL
		SIX
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE202		
	2N3821	1 INL
		SIX
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE204		
	2N3821	1 INL
		SIX
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE300		
	2N3822	1 INL
		SIX
	2N4220A	1 MOTA
	2N4220	3 INL
	BFW11	3 PHIN
	BFW13	3 PHIN
	DE459	3 DGE
	THJ3822	3 SPR
	TMPF3822	3 SPR
	TP3822	3 SPR
FE302		
	2N3821	1 INL
		SIX
	2N4220A	1 MOTA
	2N4220	3 INL
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE304		
	2N3821	1 INL
		SIX
	2N4220A	1 MOTA
	2N4220	3 INL
	BFW13	3 PHIN
	DE456	3 DGE
	THJ3821	3 SPR
	TMPF3821	3 SPR
	TP3821	3 SPR
FE400		
	2N3436	1 MOTA
	2N3458	3 IFC
	2N4222	3 NSC
		SIX
	2N4341	3 INL
		SIX
FE402		
	2N3437	1 MOTA
	2N3459	3 IFC
	2N3968	3 NSC
		SIX
	2N4340	3 INL
	2N4341	3 SIX
FE404		
	2N3436	1 MOTA
	2N3458	3 IFC
	2N4222	3 NSC
		SIX
	2N4341	3 INL
		SIX
FE0654A		
	2N4386	1 INL
	2N5486	1 MOTA
		SIX
	2N5950	1 IFC
	2N2906	3 MOTA
	2N5247	3 IFC
	2N5486	3 INL
	2N5639	3 MOTA
	2N5950-18	3 NSC
		SIX
	DE128	3 DGE
	PN4416	3 SIX
	THC4386	3 SPR
	THJ5486	3 SPR
	THJ5950	3 SPR
	TMPF5486	3 SPR
	TMPF5950	3 SPR
	TP4386	3 SPR
	TP5950	3 SPR
FE0654B		
	2N5485	1 INL
		MOTA
		SIX
	2N5951	1 IFC
	2N5245	3 IFC
	2N5486	3 INL
	2N5640	3 MOTA
	2N5951-18	3 NSC
		SIX
	DE451	3 DGE
	PN4416	3 SIX
	THJ5485	3 SPR
	THJ5951	3 SPR
	TIS59	3 TII
	TMPF5485	3 SPR
	TMPF5951	3 SPR
	TP5951	3 SPR
FE0654C		
	2N5485	1 MOTA
	2N5245	3 IFC
	DE451	3 DGE
	THJ5485	3 SPR
	TMPF5485	3 SPR
FE0655A		
	2N5638	1 MOTA
	BSV78	3 PHIN
	THJ5638	3 SPR
	TIS73	3 IFC
	TMPF5638	3 SPR
FE0655B		
	2N5639	1 MOTA
	BSV79	3 PHIN
	THJ5639	3 SPR
	TIS74	3 IFC
	TMPF5639	3 SPR
FE0655C		
	2N5640	1 MOTA
	BSV80	3 PHIN
	THJ5640	3 SPR
	TIS75	3 IFC
	TMPF5640	3 SPR
FE1600		
	2N4092	1 INL
	DE466	3 DGE
	THJ4092	3 SPR
	TMPF4092	3 SPR
	TP4092	3 SPR
FE3819		
	2N3819	1 SIX
	2N5458	1 MOTA
	2N5484	1 INL
	2N5953	1 IFC
	2N5246	3 IFC
	2N5640	3 MOTA
	2N5952	3 IFC
	2N5952-18	3 SIX
	2N5953-18	3 NSC
		SIX
	BF245B	3 PHIN
	BF245C	3 PHIN
	DE180	3 DGE
	DE451	3 DGE
	J305	3 SIX
	MPF108	3 MOTA
	SX3819	3 TII
	THJ3819	3 SPR
	THJ5458	3 SPR
	THJ5484	3 SPR
	THJ5953	3 SPR
	TIS58	3 TII
	TMPF3819	3 SPR
	TMPF5458	3 SPR
	TMPF5484	3 SPR
	TMPF5953	3 SPR
	TP5953	3 SPR
FE4302		
	2N5457	1 INL
	2N5953	3 IFC
	BF245A	3 PHIN
	DE451	3 DGE
	THJ5457	3 SPR
	TMPF5457	3 SPR
FE4303		
	2N5459	1 INL
	2N5951	3 IFC
	BF245C	3 PHIN
	DE451	3 DGE
	THJ5459	3 SPR
	TMPF5459	3 SPR
FE4304		
	2N5458	1 INL
	2N5952	3 IFC
	BF245B	3 PHIN
	DE451	3 DGE
	THJ5458	3 SPR
	TMPF5458	3 SPR
FE5245		
	2N4416	1 INL
	2N5245	1 IFC
	2N5486	1 MOTA
	2N5245-18	3 SIX
	2N5247	3 IFC
	2N5248-18	3 NSC
	DE129	3 DGE
	DE452	3 DGE
	ITE4416	3 INL
	PN4416	3 SIX
	THJ4416	3 SPR
	THJ5245	3 SPR
	THJ5486	3 SPR
	TMPF4416	3 SPR
	TMPF5245	3 SPR
	TMPF5486	3 SPR
	TP4416	3 SPR
	TP5245	3 SPR
FE5246		
	2N5246	1 IFC
	2N5484	1 INL
	2N5486	1 MOTA
	2N5246-18	3 NSC
		SIX
	2N5247	3 IFC
	DE132	3 DGE
	DE180	3 DGE
	J305-18	3 SIX
	THJ5246	3 SPR
	THJ5484	3 SPR
	THJ5486	3 SPR
	TMPF5246	3 SPR
	TMPF5484	3 SPR
	TMPF5486	3 SPR
	TP5246	3 SPR
FE5247		
	2N5247	1 IFC
	2N5486	1 INL
		MOTA
	2N5247-18	3 NSC
		SIX
	DE132	3 DGE
	J304-18	3 SIX
	THJ5247	3 SPR
	THJ5486	3 SPR
	TMPF5247	3 SPR
	TMPF5486	3 SPR
	TP5247	3 SPR
FE5257		
	2N5457	1 MOTA
	2N5953	3 IFC
	BF245A	3 PHIN
	DE451	3 DGE
	THJ5457	3 SPR
	TMPF5457	3 SPR
FE5258		
	2N5458	1 MOTA
	2N5952	3 IFC
	BF245B	3 PHIN
	DE451	3 DGE
	THJ5458	3 SPR
	TMPF5458	3 SPR
FE5259		
	2N5459	1 MOTA
	2N5951	3 IFC
	BF245C	3 PHIN
	DE451	3 DGE
	THJ5459	3 SPR
	TMPF5459	3 SPR
FE5284		
	2N5484	1 MOTA
	2N5246	3 IFC
	DE180	3 DGE
	THJ5484	3 SPR
	TMPF5484	3 SPR
FE5457		
	2N5457	1 INL
		SIX
	2N5953	1 IFC
	2N5484	3 INL
	2N5640	3 MOTA
	2N5952-18	3 SIX
	2N5953-18	3 NSC
		SIX
	BF245A	3 PHIN
	DE451	3 DGE
	J305	3 SIX
	SX3819	3 TII
	THJ5457	3 SPR
FE5457 (Cont'd)		
	THJ5953	3 SPR
	TIS58	3 TII
	TMPF5457	3 SPR
	TMPF5953	3 SPR
	TP5953	3 SPR
FE5458		
	2N5458	1 INL
		SIX
	2N5952	1 IFC
	2N5484	3 INL
	2N5640	3 MOTA
	2N5952-18	3 NSC
		SIX
	BF245B	3 PHIN
	DE451	3 DGE
	J305	3 SIX
	THJ5458	3 SPR
	THJ5952	3 SPR
	TIS58	3 TII
	TMPF5458	3 SPR
	TMPF5952	3 SPR
	TP5952	3 SPR
FE5459		
	2N5459	1 INL
		SIX
	2N5950	1 IFC
	2N5486	3 INL
	2N5639	3 MOTA
	2N5950-18	3 NSC
		SIX
	2N5951	3 IFC
	BF245C	3 PHIN
	DE451	3 DGE
	PN4416	3 SIX
	THJ5459	3 SPR
	THJ5950	3 SPR
	TMPF5459	3 SPR
	TMPF5950	3 SPR
	TP5950	3 SPR
FE5484		
	2N5484	1 INL
		SIX
	2N5953	1 IFC
	2N5246	3 IFC
	2N5640	3 MOTA
	2N5952-18	3 SIX
	2N5953-18	3 NSC
		SIX
	DE180	3 DGE
	J305	3 SIX
	SX3819	3 TII
	THJ5484	3 SPR
	THJ5953	3 SPR
	TIS58	3 TII
	TMPF5484	3 SPR
	TMPF5953	3 SPR
	TP5953	3 SPR
FE5485		
	2N5485	1 INL
		SIX
	2N5952	1 IFC
	2N5245	3 IFC
	2N5484	3 INL
	2N5640	3 MOTA
	2N5952-18	3 NSC
		SIX
	DE451	3 DGE
	J305	3 SIX
	THJ5485	3 SPR
	THJ5952	3 SPR
	TIS58	3 TII
	TMPF5485	3 SPR
	TMPF5952	3 SPR
	TP5952	3 SPR
FE5486		
	2N5486	1 INL
		SIX
	2N5949	1 IFC
	2N5247	3 IFC
	2N5638	3 MOTA
	2N5949-18	3 NSC
		SIX
	PN4416	3 SIX
	SX3819	3 TII
	THJ5486	3 SPR
	THJ5949	3 SPR
	TIS59	3 TII
	TMPF5486	3 SPR
	TMPF5949	3 SPR
	TP5949	3 SPR
FEO654A		
	2N5486	1 SIX
	2N5247	3 IFC
	THJ5486	3 SPR
	TMPF5486	3 SPR
FEO654B		
	2N5485	1 SIX
	2N5245	3 IFC
	DE451	3 DGE
	THJ5485	3 SPR
	TMPF5485	3 SPR
FF400		
	2N5457	1 INL
FF400 (Cont'd)		
	2N5953	3 IFC
	BF245A	3 PHIN
	DE451	3 DGE
	THJ5457	3 SPR
	TMPF5457	3 SPR
FI100		
	2N4352	1 MOTA
	3N163	3 INL
		SIX
	DE465	3 DGE
FLB4018X2		
	3907	2 HAM
FM1100		
	2N3954A	1 INL
	2N5545	3 IFC
	MP841	3 MPS
FM1100A		
	2N5906	1 INL
	MP5906	3 MPS
	U422	3 SIX
FM1101A		
	2N5906	1 INL
	MP5906	3 MPS
	U422	3 SIX
FM1102		
	2N3954	1 INL
	MP841	3 MPS
	THJ3954	3 SPR
FM1102A		
	2N5906	1 INL
	MP5906	3 MPS
	U422	3 SIX
FM1103		
	2N3955	1 INL
	2N5546	3 IFC
	MP3954	3 MPS
	THJ3955	3 SPR
FM1103A		
	2N5908	1 INL
	MP5908	3 MPS
	U423	3 SIX
FM1104		
	2N3957	1 INL
	2N5547	3 IFC
	MP3957	3 MPS
	THJ3957	3 SPR
FM1104A		
	2N5909	1 INL
	2N5908	3 SIX
	MP5909	3 MPS
	U423	3 SIX
FM1105		
	2N3954A	1 INL
	2N5545	3 IFC
	MP841	3 MPS
FM1105A		
	IT500	1 INL
FM1106		
	2N3954A	1 INL
	2N5545	3 IFC
	MP841	3 MPS
FM1106A		
	IT500	1 INL
FM1107		
	2N3954	1 INL
	MP841	3 MPS
	THJ3954	3 SPR
FM1107A		
	IT500	1 INL
FM1108		
	2N3955	1 INL
	2N5546	3 IFC
	MP3954	3 MPS
	THJ3955	3 SPR
FM1108A		
	IT502	1 INL
FM1109		
	2N3957	1 INL
	2N5547	3 IFC
	MP3957	3 MPS
	THJ3957	3 SPR
FM1109A		
	IT503	1 INL
FM1110		
	2N3955	1 INL
	2N5546	3 IFC
	MP3954	3 MPS
	THJ3955	3 SPR
FM1110A		
	2N5908	1 INL
	MP5908	3 MPS
	U423	3 SIX
FM1111		
	2N3957	1 INL
	2N5547	3 IFC
	MP3957	3 MPS
	THJ3957	3 SPR
FM1111A		
	2N5909	1 INL
	2N5908	3 SIX
	MP5909	3 MPS
	U423	3 SIX

1 - Mfr. Suggested 2 - Reverse of Mfr. Suggested 3 - Permutation of Mfr. Suggested