TYPE NUMBER	MFR	APP	CMP	GBP MIN	SLEW RATE MIN	V_S^+ MAX	V_S^- MAX	T_{JC} MAX	A_{VOL} MIN	V_{IO} MAX	I_B MAX	I_{IO} MAX	P_{TOT} MAX	I_{OUT} MIN	V_{OUT} MIN	V_{ICM} MAX	V_{IDF} MAX	dV_{IO}/dT MAX	P_O MAX	I_O MAX	CMRR MIN	PSRR MIN	R_{IN} MIN
ML308AT	OBS	SBA	EXT	.	.	+18V	-18V	70C	98dB	0.5MV	7NA	1NA	500MWF	1MA	13V	15V	1V	5UV/C	.	.6MA	96dB	96dB	10M
ML308M	OBS	SBA	EXT	.	.	+18V	-18V	70C	88dB	7.5MV	7NA	1NA	500MWF	1MA	13V	15V	1V	30UV/C	.	.6MA	80dB	80dB	10M
ML308T	OBS	SBA	EXT	.	.	+18V	-18V	70C	88dB	7.5MV	7NA	1NA	500MWF	1MA	13V	15V	1V	30UV/C	.	.6MA	80dB	80dB	10M
ML311M	OBS	CPR	EXT	.	.	+18V	-18V	70C	100dB	7.5MV	250NA	50NA	500MWF	.	.	15V	30V	.	.	8MA	.	.	.
ML311P	OBS	CPR	EXT	.	.	+18V	-18V	70C	100dB	7.5MV	250NA	50NA	500MWF	.	.	15V	30V	.	.	8MA	.	.	.
ML311S	OBS	CPR	EXT	.	.	+18V	-18V	70C	100dB	7.5MV	250NA	50NA	500MWF	.	.	15V	30V	.	.	8MA	.	.	.
ML311T	OBS	CPR	EXT	.	.	+18V	-18V	70C	100dB	7.5MV	250NA	50NA	500MWF	.	.	15V	30V	.	.	8MA	.	.	.
ML318M	OBS	XSR	INT	.	50V/US	+20V	-20V	70C	88dB	10MV	500NA	200NA	500MWF	6MA	12V	15V	1V	.	.	8MA	70dB	65dB	500K
ML318T	OBS	XSR	INT	.	50V/US	+20V	-20V	70C	88dB	10MV	500NA	200NA	500MWF	6MA	12V	15V	1V	.	.	8MA	70dB	65dB	500K
ML709AF	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	2MV	200NA	50NA	570MWF	5MA	12V	10V	5V	10UV/C	108MW	.	80dB	80dB	350K
ML709AM	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	2MV	200NA	50NA	670MWF	5MA	12V	10V	5V	10UV/C	108MW	.	80dB	80dB	350K
ML709AT	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	2MV	200NA	50NA	500MWF	5MA	12V	10V	5V	10UV/C	108MW	.	80dB	80dB	350K
ML709CM	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	70C	84dB	7.5MV	1.5UA	500NA	670MWF	5MA	12V	10V	5V	.	200MW	.	65dB	74dB	50K
ML709CP	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	70C	84dB	7.5MV	1.5UA	500NA	670MWF	5MA	12V	10V	5V	.	200MW	.	65dB	74dB	50K
ML709CT	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	70C	84dB	7.5MV	1.5UA	500NA	500MWF	5MA	12V	10V	5V	.	200MW	.	65dB	74dB	50K
ML709F	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	5MV	500NA	200NA	570MWF	5MA	12V	10V	5V	15UV/C	165MW	.	70dB	76dB	150K
ML709M	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	5MV	500NA	200NA	670MWF	5MA	12V	10V	5V	15UV/C	165MW	.	70dB	76dB	150K
ML709T	OBS	GPU	EXT	.3MHZ	.15V/US	+18V	-18V	125C	88dB	5MV	500NA	200NA	500MWF	5MA	12V	10V	5V	15UV/C	165MW	.	70dB	76dB	150K
ML741AF	OBS	GPK	INT	.4MHZ	0.3V/US	+22V	-22V	125C	94dB	3MV	80NA	30NA	570MWF	10MA	16V	15V	30V	15UV/C	150MW	.	80dB	86dB	1M
ML741AM	OBS	GPK	INT	.4MHZ	0.3V/US	+22V	-22V	125C	94dB	3MV	80NA	30NA	670MWF	10MA	16V	15V	30V	15UV/C	150MW	.	80dB	86dB	1M
ML741AT	OBS	GPK	INT	.4MHZ	0.3V/US	+22V	-22V	125C	94dB	3MV	80NA	30NA	500MWF	10MA	16V	15V	30V	15UV/C	150MW	.	80dB	86dB	1M
ML741CM	OBS	GPK	INT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	670MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML741CP	OBS	GPK	INT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	670MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML741CS	OBS	GPK	INT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	310MWF	5MA	12V	15V	30V	.	.	3MA	70dB	76dB	300K
ML741CT	OBS	GPK	INT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	500MWF	5MA	12V	15V	30V	.	.	3MA	70dB	76dB	300K
ML741F	OBS	GPK	INT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	570MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML741M	OBS	GPK	INT	.4MHZ	0.3V/US	+22V	-22V	125C	94dB	3MV	80NA	30NA	670MWF	5MA	12V	15V	30V	15UV/C	150MW	.	80dB	86dB	1M
ML741T	OBS	GPK	INT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	500MWF	7MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML747CP	OBS	DGK	INT	.	0.2V/US	+18V	-18V	70C	88dB	6MV	500NA	200NA	670MWF	85MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML747CT	OBS	DGK	INT	.	0.2V/US	+18V	-18V	70C	88dB	6MV	500NA	200NA	500MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML747F	OBS	DGK	INT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	800MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML747M	OBS	DGK	INT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	670MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML747T	OBS	DGK	INT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	500MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748CP	OBS	GPU	EXT	.	0.2V/US	+22V	-22V	70C	86dB	6MV	500NA	200NA	670MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748CS	OBS	GPU	EXT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	310MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748CT	OBS	GPU	EXT	.	0.2V/US	+18V	-18V	70C	86dB	6MV	500NA	200NA	500MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748F	OBS	GPU	EXT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	570MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748M	OBS	GPU	EXT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	670MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748S	OBS	GPU	EXT	.	.25V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	310MWF	5MA	10V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML748T	OBS	GPU	EXT	.	0.2V/US	+22V	-22V	125C	94dB	5MV	500NA	200NA	500MWF	5MA	12V	15V	30V	.	85MW	3MA	70dB	76dB	300K
ML1437P	OBS	DGU	EXT	.	0.1V/US	+18V	-18V	75C	84dB	7.5MV	1.5UA	0.5UA	750MWF	5MA	12V	18V	5V	10UV/C	225MW	.	65dB	74dB	50K
ML1436T	OBS	HVO	INT	.3MHZ	0.5V/US	+34V	-34V	75C	97dB	10MV	40NA	10NA	680MWF	1MA	20V	34V	68V	.	280MW	5MA	70dB	74dB	3M
ML1458S	OBS	DGK	INT	.5MHZ	0.3V/US	+18V	-18V	75C	86dB	6MV	0.5UA	0.2UA	750MWF	5MA	12V	15V	30V	50UV/C	170MW	6MA	70dB	76dB	300K
ML1458P	OBS	DGK	INT	.5MHZ	0.3V/US	+18V	-18V	75C	86dB	6MV	0.5UA	0.2UA	750MWF	5MA	12V	15V	30V	50UV/C	170MW	6MA	70dB	76dB	300K
ML1458T	OBS	DGK	INT	.5MHZ	0.3V/US	+18V	-18V	75C	86dB	6MV	0.5UA	0.2UA	680MWF	5MA	12V	15V	30V	50UV/C	170MW	6MA	70dB	76dB	300K
ML1536T	OBS	HVO	INT	.3MHZ	0.5V/US	+40V	-40V	125C	100dB	5MV	20NA	3NA	680MWF	1MA	30V	40V	80V	.	224MW	4MA	80dB	80dB	3M
ML1537M	OBS	DGU	EXT	.	0.1V/US	+18V	-18V	125C	88dB	5MV	0.5UA	0.2UA	750MWF	5MA	12V	18V	5V	10UV/C	225MW	.	70dB	76dB	150K
ML1558M	OBS	DGK	INT	.5MHZ	0.3V/US	+22V	-22V	125C	94dB	5MV	0.5UA	0.2UA	750MWF	5MA	12V	15V	30V	50UV/C	150MW	5MA	70dB	76dB	300K
ML1558S	OBS	DGK	INT	.5MHZ	0.3V/US	+22V	-22V	125C	94dB	5MV	0.5UA	0.2UA	750MWF	5MA	12V	15V	30V	50UV/C	150MW	5MA	70dB	76dB	300K
ML1558T	OBS	DGK	INT	.5MHZ	0.3V/US	+22V	-22V	125C	94dB	5MV	0.5UA	0.2UA	680MWF	5MA	12V	15V	30V	50UV/C	150MW	5MA	70dB	76dB	300K
ML4250CS	OBS	PRA	INT	.	.	+18V	-18V	70C	95dB	6MV	75NA	20NA	500MWF	1MA	12V	15V	30V	.	3MW	.1MA	70dB	74dB	.
ML4250CT	OBS	PRA	INT	.	.	+18V	-18V	70C	95dB	6MV	75NA	20NA	500MWF	1MA	12V	15V	30V	.	3MW	.1MA	70dB	74dB	.
ML4250T	OBS	PRA	INT	.	.	+18V	-18V	125C	100dB	5MV	50NA	10NA	500MWF	1MA	12V	15V	30V	.	2.7MW	90UA	70dB	76dB	.
MLF111G	MTU	CPR	EXT	.	.	+18V	-18V	125C	100dB	4MV	50pA	25pA	500MWF	8MA	.	15V	30V	.	.	6MA	.	.	.
MLF111U	MTU	CPR	EXT	.	.	+18V	-18V	125C	100dB	4MV	50pA	25pA	500MWF	8MA	.	15V	30V	.	.	6MA	.	.	.
MLF155AG	MTU	FET	INT	.5MHZ	3V/US	+22V	-22V	125C	94dB	2MV	50pA	10pA	670MWF	5MA	12V	20V	40V	5UV/C	.	4MA	85dB	85dB	0.1T
MLF155G	MTU	FET	INT	.5MHZ	2V/US	+22V	-22V	125C	94dB	5MV	100pA	20pA	670MWF	5MA	12V	20V	40V	20UV/C	.	4MA	85dB	85dB	0.1T
MLF156AG	MTU	HSR	INT	4MHZ	10V/US	+22V	-22V	125C	94dB	2MV	50pA	10pA	670MWF	5MA	12V	20V	40V	5UV/C	.	4MA	85dB	85dB	0.1T
MLF156G	MTU	HSR	INT	1MHZ	7.5V/US	+22V	-22V	125C	94dB	5MV	100pA	20pA	670MWF	5MA	12V	20V	40V	20UV/C	.	7MA	85dB	85dB	0.1T
MLF157AG	MTU	XSR	INT	15MHZ	8V/US	+22V	-22V	125C	94dB	2MV	50pA	10pA	670MWF	5MA	12V	20V	40V	5UV/C	.	7MA	85dB	85dB	0.1T

For detailed explanations of column heading notations, see App. A.
Also for ready references the more important abbreviations used in the column headings are listed below:

LEFT HAND PAGE

APP = application (codes at APP.E.)
CMRR = common mode rejection ratio
CMP = compensation (frequency)
dV_{IO}/dT = input offset voltage temperature drift
GBP = gain bandwidth product
I_B = input bias current
I_{IO} = input bias offset current
I_D = quiescent supply current
MFR = manufacturer (codes at App.C.)
P_D = quiescent power consumer
PSRR = power supply rejection ratio
V_{ICM} = common mode input voltage rating
V_{IDF} = differential input voltage rating
V_{IO} = input offset voltage
V_S = dc supply voltage

RIGHT HAND PAGE

Lead out coding summary (details at APP.G.) for different cases (APP.F.)

A = gain adjust
B = bias adjust
C = case
E− = inverting input
E+ = non-inverting input
F,F* = input frequency compensation
G = ground
J = high level input
K = output, open collector
L = output, open emitter
M = metal case
N = not connected
O = special terminal
R,R* = outputs
S = strobe
T,T* = offset balance
V+ = +ve dc supply
V− = −ve dc supply
W = guard ring
X = blank position, no lead
+ + = +ve supplementary dc supply
− − = −ve supplementary dc supply
ø,ø* = output frequency compensation

CASE (APP.F.)	LD 1	LD 2	LD 3	LD 4	LD 5	LD 6	LD 7	LD 8	LD 9	LD 10	LD 11	LD 12	LD 13	LD 14	LD 15	LD 16	EUROPE SUBSTITUTE	USA SUBSTITUTE	SS	TYPE NUMBER
TO5-8/1M	F	E-	E+	V-M	N	R	V+	F*	.	.	.	.	.	.	.	.	SFC2308A	LM308A	0	ML308AT
DIL-14/1C	N	F	N	E-	E+	N	V-	N	N	R	V+	F*	N	N	.	.	SN72308JA	LM308D	0	ML308M
TO5-8/1M	F	E-	E+	V-M	N	R	V+	F*	.	.	.	.	.	.	.	.	SFC2308	LM308H	0	ML308T
DIL-14/1C	N	G	E+	E-	N	V-	T	T*S	R	N	V+	N	N	N	.	.	SFC2311EC	LM311D	0	ML311M
DIL-14/1P	N	G	E+	E-	N	V-	T	T*S	R	N	V+	N	N	N	.	.	SFC2311EC	LM311D	0	ML311P
DIL-8/1P	G	E+	E-	V-	T	T*S	R	V+	.	.	.	.	.	.	.	.	SFC2311DC	LM311N	0	ML311S
TO5-8/1M	G	E+	E-	V-	T	T*S	R	V+	.	.	.	.	.	.	.	.	SFC2311	LM311H	0	ML311T
DIL-14/1C	N	N	T*F	E-	E+	V-	N	N	F*T	R	V+	ø	N	N	.	.	SN72318JA	LM318D	0	ML318M
TO5-8/1M	T*F	E-	E+	V-	F*T	R	V+	ø	.	.	.	.	.	.	.	.	TDE0118CM	LM318H	0	ML318T
FLP-10/3G	N	F	E-	E+	V-	ø	R	V+	F*	N	.	.	.	.	.	.	SN52709AFA	UA709AFM	0	ML709AF
DIL-14/1C	N	N	F	E-	E+	V-	N	N	ø	R	V+	F*	N	N	.	.	LM709AJ	UA709ADM	0	ML709AM
TO5-8/1M	F	E-	E+	V-	ø	ø*R	V+	F*	.	.	.	.	.	.	.	.	TAA522	UA709AHM	0	ML709AT
DIL-14/1C	N	N	F	E-	E+	V-	N	N	ø	R	V+	F*	N	N	.	.	TAA521A	UA709DC	0	ML709CM
DIL-14/1P	N	N	F	E-	E+	V-	N	N	ø	R	V+	F*	N	N	.	.	TAA521A	UA709DC	0	ML709CP
TO5-8/1M	F	E-	E+	V-	ø	ø*R	V+	F*	.	.	.	.	.	.	.	.	TAA521	UA709HC	0	ML709CT
FLP-10/3G	N	F	E-	E+	V	ø	R	V+	F*	N	.	.	.	.	.	.	SN52709AFA	UA709FM	0	ML709F
DIL-14/1C	N	N	F	E-	E+	V-	N	N	ø	R	V+	F*	N	N	.	.	SN52709AJ	UA709DM	0	ML709M
TO5-8/1M	F	E-	E+	V-	ø	ø*R	V+	F*	.	.	.	.	.	.	.	.	TAA522	UA709HM	0	ML709T
FLP-10/3G	N	T	E-	E+	V-	T*	R	V+	N	N	.	.	.	.	.	.	SFC2741PM	UA741AFM	0	ML741AF
DIL-14/1C	N	N	T	E-	E+	V-	N	N	T*	R	V+	N	N	N	.	.	LM741AD	UA741ADM	0	ML741AM
TO5-8/1M	T	E-	E+	V-M	T*	R	V+	N	.	.	.	.	.	.	.	.	TBA222	UA741AHM	0	ML741AT
DIL-14/1P	N	N	T	E-	E+	V-	N	N	T*	R	V+	N	N	N	.	.	TBA221A	UA741DC	0	ML741CM
DIL-14/1P	N	N	T	E-	E+	V-	N	N	T*	R	V+	N	N	N	.	.	TBA221A	UA741DC	0	ML741CP
DIL-8/1P	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	TBA221B	UA741TC	0	ML741CS
TO5-8/1M	T	E-	E+	V-M	T*	R	V+	N	.	.	.	.	.	.	.	.	TBA221	UA741HC	0	ML741CT
FLP-10/3G	N	T	E-	E+	V-	T*	R	V+	N	N	.	.	.	.	.	.	SFC2741PM	UA741FM	0	ML741F
DIL-14/1C	N	N	T	E-	E+	V-	N	N	T*	R	V+	N	N	N	.	.	LM741D	UA741DM	0	ML741M
TO5-8/1M	T	E-	E+	V-M	T*	R	V+	N	.	.	.	.	.	.	.	.	TBA222	UA741HM	0	ML741T
DIL-14/1P	E-1	E+1	T1	V-	T2	E+2	E-2	T*2	V+2	R2	N	R1	V+1	T*1	.	.	TBB0747A	UA747DC	0	ML747CP
TO5-10/1M	R1	V+1	E-1	E+1	V-	E+2	E-2	V+2	R2	N	.	.	.	.	.	.	TBB0747	UA747HC	0	ML747CT
FLP-14/3G	E-1	E+1	T1	V-	T2	E+2	E-2	T*2	V+	R2	N	R1	V+	T*1	.	.	.	LM747F	0	ML747F
DIL-14/1C	E-1	E+1	T1	V-	T2	E+2	E-2	T*2	V+2	R2	N	R1	V+1	T*1	.	.	SFC2747KM	UA747DM	0	ML747M
TO5-10/1M	R1	V+1	E-1	E+1	V-	E+2	E-2	V+2	R2	N	.	.	.	.	.	.	TBC0747	UA747HM	0	ML747T
DIL-14/1P	N	N	FT	E-	E+	V-	N	N	T*	R	V+	F*	N	N	.	.	SN72748J	UA748DC	0	ML748CP
DIL-8/1P	FT	E-	E+	V-	T*	R	V+	F*	.	.	.	.	.	.	.	.	TBB0748	UA748TC	0	ML748CS
TO5-8/1M	FT	E-	E+	V-	T*	R	V+	F*	.	.	.	.	.	.	.	.	TBB0748	UA748HC	0	ML748CT
FLP-10/3G	N	FT	E-	E+	V-	T*	R	V+	F*	N	.	.	.	.	.	.	SN52748FA	UA748FM	0	ML748F
DIL-14/1C	N	N	FT	E-	E+	V-	N	N	T*	R	V+	F*	N	N	.	.	SN52748JA	UA748DM	0	ML748M
DIL-8/1C	FT	E-	E+	V-	T*	R	V+	F*	.	.	.	.	.	.	.	.	SN52748JP	LM748J	0	ML748S
TO5-8/1M	FT	E-	E+	V-	T*	R	V+	F*	.	.	.	.	.	.	.	.	TBC0748	UA748HM	0	ML748T
DIL-14/1P	ø2	R2	F2	F*2	E-2	E+2	V-	E+1	E-1	F1	F*1	R1	ø1	V+	.	.	RC1437DC	MC1437L	0	ML1437P
TO5-8/1M	T	E-	E+	V+	T*	R	V+	N	.	.	.	.	.	.	.	.	LM343	MC1436G	0	ML1436T
DIL-8/1P	R1	E-1	E+1	V-	E+2	E-2	R2	V+	.	.	.	.	.	.	.	.	TBB1458B	MC1458U	0	ML1458S
DIL-14/1P	N	R1	N	N	E-1	E+1	V-	E+2	E-2	N	N	R2	N	V+	.	.	LM1458N14	MC1458L	0	ML1458P
TO5-8/1M	R1	E-1	E+1	V-	E+2	E-2	R2	V+	.	.	.	.	.	.	.	.	TBB1458	MC1458G	0	ML1458T
TO5-8/1M	T	E-	E+	V+	T*	R	V+	N	.	.	.	.	.	.	.	.	LM143	MC1536G	0	ML1536T
DIL-14/1C	ø2	R2	F2	F*2	E-2	E+2	V-	E+1	E-1	F1	F*1	R1	ø1	V+	.	.	RM1537DC	MC1537L	0	ML1537M
DIL-14/1C	N	R1	N	N	E-1	E+1	V-	E+2	E-2	N	N	R2	N	V+	.	.	.	MC1558L	0	ML1558M
DIL-8/1C	R1	E-1	E+1	V-	E+2	E-2	R2	V+	.	.	.	.	.	.	.	.	LM1558J	MC1558U	0	ML1558S
TO5-8/1M	R1	E-1	E+1	V-	E+2	E-2	R2	V+	.	.	.	.	.	.	.	.	TBC1458	MC1558G	0	ML1558T
DIL-8/1P	T	E-	E+	V-	T*	R	V+	B	.	.	.	.	.	.	.	.	.	LM4250CJ	0	ML4250CS
TO5-8/1M	T	E-	E+	V-	T*	R	V+	B	.	.	.	.	.	.	.	.	SG4250CT	LM4250CH	0	ML4250CT
TO5-8/1M	T	E-	E+	V-	T*	R	V+	B	.	.	.	.	.	.	.	.	SG4250T	LM4250H	0	ML4250T
TO5-8/1M	G	E+	E-	V-	T	T*S	R	V+	.	.	.	.	.	.	.	.	UAF111H	LF111H	0	MLF111G
DIL-8/1C	G	E+	E-	V-	T	T*S	R	V+	.	.	.	.	.	.	.	.	.	.	0	MLF111U
TO5-8/1M	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	UAF155AHM	LF155AH	0	MLF155AG
TO5-8/1M	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	UAF155HM	LF155H	0	MLF155G
TO5-8/1M	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	UAF156AHM	LF156AH	0	MLF156AG
TO5-8/1M	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	UAF156HM	LF156H	0	MLF156G
TO5-8/1M	T	E-	E+	V-	T*	R	V+	N	.	.	.	.	.	.	.	.	UAF157AHM	LF157AH	0	MLF157AG

Appendix A

Explanatory notes to tabulations

The general layout plan of the information in the tables of this compendium should be immediately evident from the data tabulation explanatory chart set out overleaf.

Supporting Appendices with additional information are:

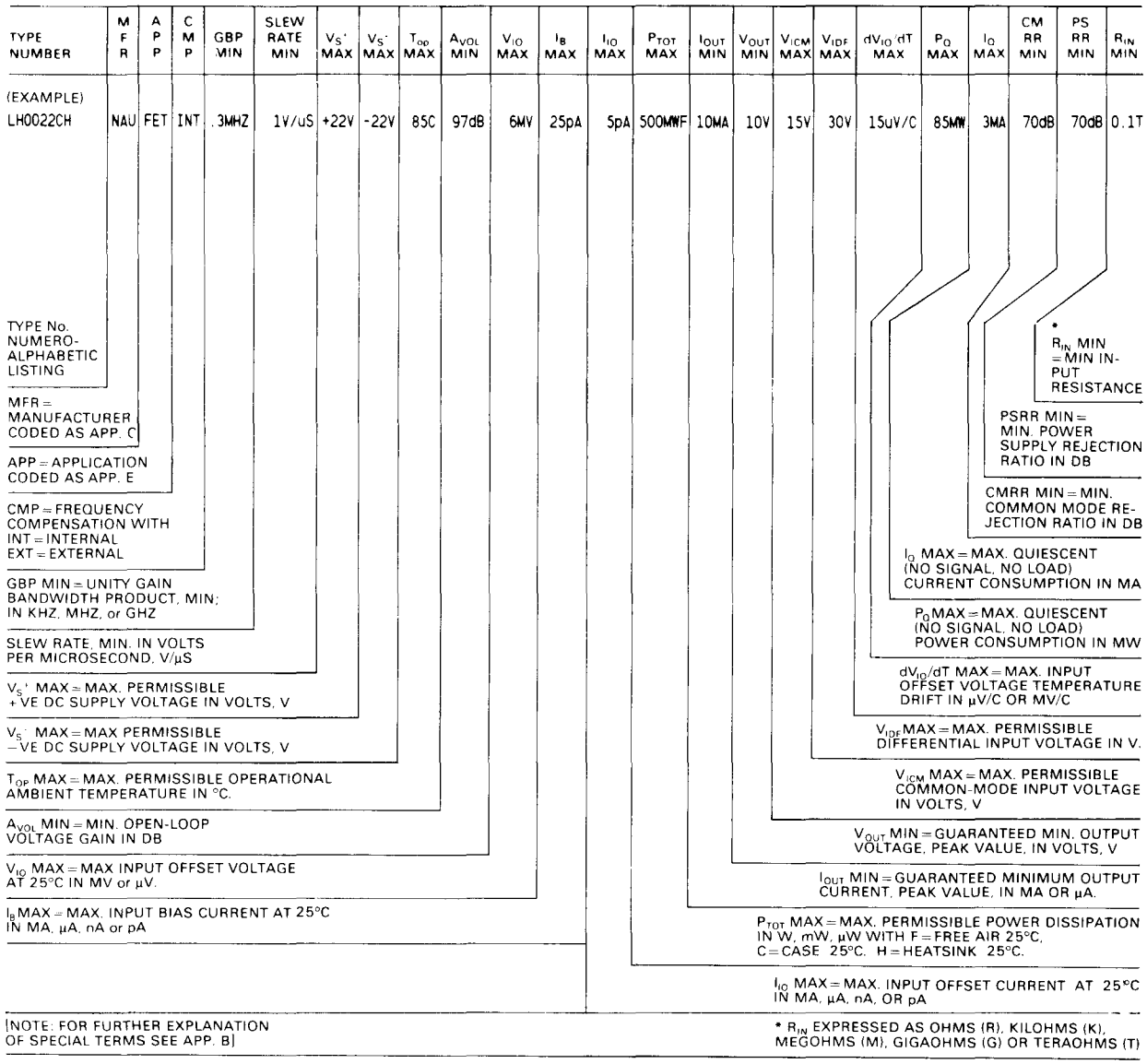
App. B Glossary of *Opamp Terms*
App. C Tabulation *Codes for Manufacturers*
App. D IC Manufacturers' *House Numbers*
App. E Tabulation *Codes for Applications*
App. F *Case Outline and Leadout Diagrams*
App. G Codes for *Leadout Connections*

Unit symbols used in the tables are:

A = amperes
C = ° centigrade
dB = decibels
G = gigaohms (megohms x 10^3)
GHZ = gigahertz (megahertz x 10^3)
K = kilohms
KHZ = kilohertz
M = megohms
MA = milliamperes, mA
MAX = maximum
MHZ = megahertz
MIN = minimum
MV = millivolts
MWC = milliwatts, case at 25C
MWF = milliwatts, free air at 25C
MWH = milliwatts, heat sink, 25C
NA = nanoamps (microamps x 10^{-3})
NV = nanovolts (microvolts x 10^{-3})
PA = picoamps (microamps x 10^{-12})
R = ohms
T = teraohms (megohms x 10^6)
V = volts
WC = watts, case at 25C
WF = watts, free air at 25C
WH = watts, heatsink, 25C
μA = microamps
μS = microseconds
μV = microvolts
μW = microwatts
μWF = microwatts, free air at 25C

Where a unit symbol appears in the middle of a value, it indicates the position of the decimal point, e.g. 3K3 = 3·3K.

Appendix A


TYPE NUMBER
MFR
APP
CMP
GBP MIN
SLEW RATE MIN
V_S^+ MAX
V_S^- MAX
T_{op} MAX
A_{VOL} MIN
V_{IO} MAX
I_B MAX
I_{IO} MAX
P_{TOT} MAX
I_{OUT} MIN
V_{OUT} MIN
V_{ICM} MAX
V_{IDF} MAX
dV_{IO}/dT MAX
P_Q MAX
I_Q MAX
CMRR MIN
PSRR MIN
R_{IN} MIN
(EXAMPLE)
LH0022CH
NAU
FET
INT
.3MHZ
1V/uS
+22V
-22V
85C
97dB
6MV
25pA
5pA
500MWF
10MA
10V
15V
30V
15uV/C
85MW
3MA
70dB
70dB
0.1T
TYPE No. NUMERO-ALPHABETIC LISTING
MFR = MANUFACTURER CODED AS APP. C
APP = APPLICATION CODED AS APP. E
CMP = FREQUENCY COMPENSATION WITH INT = INTERNAL EXT = EXTERNAL
GBP MIN = UNITY GAIN BANDWIDTH PRODUCT, MIN; IN KHZ, MHZ, or GHZ
SLEW RATE, MIN. IN VOLTS PER MICROSECOND, V/μS
V_S^+ MAX = MAX. PERMISSIBLE +VE DC SUPPLY VOLTAGE IN VOLTS, V
V_S^- MAX = MAX PERMISSIBLE −VE DC SUPPLY VOLTAGE IN VOLTS, V
T_{OP} MAX = MAX. PERMISSIBLE OPERATIONAL AMBIENT TEMPERATURE IN °C.
A_{VOL} MIN = MIN. OPEN-LOOP VOLTAGE GAIN IN DB
V_{IO} MAX = MAX INPUT OFFSET VOLTAGE AT 25°C IN MV or μV.
I_B MAX = MAX. INPUT BIAS CURRENT AT 25°C IN MA, μA, nA or pA
[NOTE: FOR FURTHER EXPLANATION OF SPECIAL TERMS SEE APP. B]
I_{IO} MAX = MAX. INPUT OFFSET CURRENT AT 25°C IN MA, μA, nA, OR pA
P_{TOT} MAX = MAX. PERMISSIBLE POWER DISSIPATION IN W, mW, μW WITH F = FREE AIR 25°C, C = CASE 25°C. H = HEATSINK 25°C.
I_{OUT} MIN = GUARANTEED MINIMUM OUTPUT CURRENT, PEAK VALUE, IN MA OR μA.
V_{OUT} MIN = GUARANTEED MIN. OUTPUT VOLTAGE, PEAK VALUE, IN VOLTS, V
V_{ICM} MAX = MAX. PERMISSIBLE COMMON-MODE INPUT VOLTAGE IN VOLTS, V
V_{IDF} MAX = MAX. PERMISSIBLE DIFFERENTIAL INPUT VOLTAGE IN V.
dV_{IO}/dT MAX = MAX. INPUT OFFSET VOLTAGE TEMPERATURE DRIFT IN μV/C OR MV/C
P_Q MAX = MAX. QUIESCENT (NO SIGNAL, NO LOAD) POWER CONSUMPTION IN MW
I_Q MAX = MAX. QUIESCENT (NO SIGNAL, NO LOAD) CURRENT CONSUMPTION IN MA
CMRR MIN = MIN. COMMON MODE REJECTION RATIO IN DB
PSRR MIN = MIN. POWER SUPPLY REJECTION RATIO IN DB
* R_{IN} MIN = MIN INPUT RESISTANCE
* R_{IN} EXPRESSED AS OHMS (R), KILOHMS (K), MEGOHMS (M), GIGAOHMS (G) OR TERAOHMS (T)

LEFT HAND PAGE

For detailed explanations of column heading notations, see App. A.

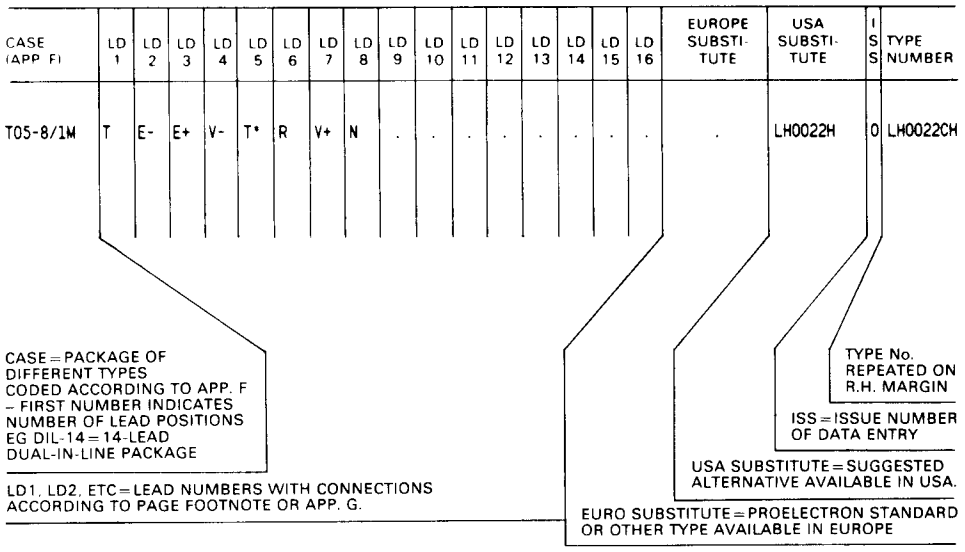
Also for ready references the more important abbreviations used in the column headings are listed below:

APP = application (codes at APP.E.)
CMRR = common mode rejection ratio
CMP = compensation (frequency)
dV_{IO}/dT = input offset voltage temperature drift
GBP = gain bandwidth product
I_B = input bias current
I_{IO} = input bias offset current
I_Q = quiescent supply current
MFR = manufacturer (codes at App.C.)
P_Q = quiescent power consumer
PSRR = power supply rejection ratio
V_{ICM} = common mode input voltage rating
V_{IDF} = differential input voltage rating
V_{IO} = input offset voltage
V_S = dc supply voltage

RIGHT HAND PAGE

Lead out coding summary (details at APP.G.) for different cases (APP.F.)

A = gain adjust
B = bias adjust
C = case
E− = inverting input
E+ = non-inverting input
F,F* = input frequency compensation
G = ground
J = high level input
K = output, open collector
L = output, open emitter
M = metal case
N = not connected
Q = special terminal
R,R* = outputs
S = strobe
T,T* = offset balance
V+ = +ve dc supply
V− = −ve dc supply
W = guard ring
X = blank position, no lead
++ = +ve supplementary dc supply
−− = −ve supplementary dc supply
ϕ,ϕ* = output frequency compensation



Appendix C
Tabulation Codes for Manufacturers

ADU **Advanced Micro Devices Inc.,**
901 Thompson Pl., Sunnyvale, CA 94086, USA

ANG **Analog Devices Ltd,**
Central Ave., East Molesey, KT8 9BR, Surrey, UK

ANU **Analog Devices Inc.,**
P.O. Box 280, Norwood, Mass., 02062

BLG **Bell & Howell Ltd,**
Lennox Road, Basingstoke, Hants, UK

BLU **Bell & Howell** (Control Products Divison),
706 Bostwick Ave, Bridgeport, Conn. 06605, USA

BUG **Burr-Brown International Ltd,**
17 Exchange Rd, Watford, WQD1 7EB, Herts., UK

BUU **Burr-Brown Research Corp.,**
P.O. Box 11400, Tucson, AZ. 85734, USA

CMG **Computing Techniques Ltd,**
Brookers Rd, Billingshurst, Sussex, RH14 9RZ, UK

DAG **Datel UK Ltd,**
Stephenson Close, Portway Ind. Estate, Andover, Hants, UK

DAU **Datel Systems Inc.,**
1020 Turnpike St., Canton, MA 02021, USA

FAG **Fairchild Camera & Instrument (UK) Ltd,**
230 High St., Potters Bar, Herts., UK

FAU **Fairchild Semiconductor**
464 Ellis St., Mountain View, CA 94042, USA

FEG **Ferranti Ltd,** (Electronic Department),
Gem Mill, Chadderton, Oldham, Lancs., OL9 8NP, UK

FUJ **Fujitsu Ltd,**
1015 Kamikodanaka, Kawasaki, Japan

HAG **Harris Semiconductor (Memec) Ltd,**
The Firs, Whitchurch, Nr. Aylesbury, Bucks., HP22 4JU, UK

HAU **Harris Semiconductor**
P.O. Box 883, Melbourne, FL, 32901, USA

HIJ **Hitachi Ltd** (Semiconductor and IC Div.),
1450 Josuihonimachi, Kodaira City, Tokyo, Japan

ING **Intersil Inc.,**
8 Tessa Rd, Richfield Trading Estate, Reading, Berks., UK

INU **Intersil Inc.,**
10900 N. Tantau Ave, Cupertino, CA, 95014, USA

ITG **ITT Semiconductors**
Maidstone Rd, Foots Cray, Sidcup, Kent, DA14 5HT, UK

ITU **ITT Semiconductors**
74 Commerce Way, Woburn, MA, 01801, USA

MNG **Mitsubishi Shoji Kaisha Ltd,**
Bow Bells House, Bread St., London, EC4, UK

MNJ **Mitsubishi Electric Corp.,**
2–12 Marunouchi, Chiyoda-ku, Tokyo, Japan

MTG **Motorola Ltd** (Semiconductor Products Div.),
York House, Empire Way, Wembley, Middlesex, HA9 0PR, UK

MTU **Motorola Semiconductor Products Inc.,**
5005 E. McDowell Road, Phoenix, AZ, 85008, USA

MUG **Mullard Ltd,**
Mullard House, Torrington Place, London, WC1E 7HD, UK

NAG **National Semiconductor (UK) Ltd,**
Harpur Centre, Bedford, MK40 3LF, UK

NAU **National Semiconductor Corp.,**
2900 Semiconductor Drive, Santa Clara, CA, 95051, USA

NIJ **Nippon Electric Co. Ltd,**
1753 Shimonumabe, Nakahara-ku, Kawasaki, Japan

OAU **Opamp Labs Inc.,**
1033 N. Sycamore Ave., Los Angeles, CA 90038, USA

OBS Obsolete – no longer commercially available.

OTU **Optical Electronics Inc.,**
P.O. Box 11140, Tucson, AZ, 85734, USA

PLG **Plessey Semiconductors,**
Cheney Manor, Swindon, Wilts., SN2 2QW, UK

PRG **Precision Monolithics** (Bourns Trimpot Ltd)
17/27 High St., Hounslow, Middlesex, UK

PRU **Precision Monolithics (Bourns) Inc.,**
1500 Space Park Drive, Santa Clara, CA, 95050, USA

RAG **Raytheon Semiconductor**
The Pinnacles, Harlow, Essex, CM19 5BB, UK

RAU **Raytheon Semiconductor,**
350 Ellis Street, Mountain View, CA, 94042, USA

RCG **RCA (Great Britain) Ltd,**
Lincoln Way, Windmill Road, Sunbury-on-Thames, Middlesex, UK

RCU **RCA Solid State Division**
Route 202, Somerville, NJ, 08876, USA

SAJ **Sanken Electric Co. Ltd,**
1-22-8 Nishi-Ikebukuro, Toshima-Ku, Tokyo, Japan

SGG	**SGS-ATES (UK) Ltd,** Planar House, Walton Street, Aylesbury, Bucks., UK
SGI	**SGS-ATES Componenti Spa,** Via Olivetti, 2 Agrate Brianza, 20041, Milan, Italy
SHG	**Shindengen Hyokuto Boeki Haisha Ltd,** St. Alphage House, Fore St., London, EC2Y 5DA, UK
SHJ	**Shindengen Electric Mfg Co., Ltd,** New Ohtemachi Bldng, 2–1, 2-chome, Ohtemachi, Chiyoda-ku, Tokyo, Japan
SIG	**Siemens Ltd,** Great West Road, Brentford, Middlesex, TW8 9DG, UK
SIW	**Siemens Aktiengesellschaft,** Richard-Strauss-Strasse 76, D-8000 Munchen 2, Postfach 202109, W. Germany
SJG	**Signetics International Corporation** Yeoman House, 63 Croydon Rd, London, SE20, UK
SJU	**Signetics Corp.,** 811 East Arques Ave, Sunnydale, CA. 94086, USA
SKU	**Silicon General Inc.,** 7382 Bolsa Avenue, Westminster, CA, 92683, USA
SLG	**Siliconix Ltd,** 30A High St., Thatcham, Newbury, Berks., RG13 4JG, UK
SLU	**Siliconix Incorporated,** 2201 Laurelwood Road, Santa Clara, CA, 95054, USA
SOJ	**Sony Semiconductor Corp.,** 14–1, Asa hi-sho 4, Atsuigi-shi, Kanagawa-ken, 243, Japan
SPG	**Sprague Electric (UK) Ltd,** 159 High St., Yiewsley, W. Drayton, Middlesex, UB7 7RY, UK
SPU	**Sprague Electric Company** (Semiconductor Div.), 115 Northeast Cutoff, Worcester, MA, 01606, USA
TDG	**Teledyne Semiconductor,** Heathrow House, Bath Road, Cranford, Hounslow, Middlesex, TW5 9QP, UK
TDU	**Teledyne (Amelco) Semiconductor,** 1300 Terra Bella Ave, Mountain View, CA, 94032, USA
TEB	**Teledyne-Philbrick,** Heathrow House, Bath Road, Cranford, Hounslow, Middlesex, TW5 9QP, UK
TEU	**Teledyne-Philbrick,** Allied Drive at Route 128, Dedham, MA, 02026, USA
TGG	**Texas Instruments Ltd,** Manton Lane, Bedford, UK
TGU	**Texas Instruments Inc.** (Components Group), P.O. Box 5012, Dallas, Texas, 75222, USA
THF	**Thomson-CSF (Sescosem),** 50 Rue Jean Pierre Timbaud, BP 120, 92403, Courbevoie, France
THG	**Thomson-CSF (UK) Ltd,** Ringway House, Bell Rd, Daneshill, Basingstoke, Hants., RG24 0QG, UK.
TKJ	**Tokyo Sanyo Electric Co. Ltd** (Semiconductor Div.), Oizumachi, Oragun, Gumma, Japan
TOG	**Toshiba (UK) Ltd,** Toshiba House, Great South West Rd, Feltham, Middlesex, UK
TOJ	**Toshiba (Tokyo Shibaura) Electric Co.,** 2–1, 5-chome, Ginza Chuo-ku, Tokyo, Japan
TRU	**Transitron Electronic Corp.,** 168 Albion St., Wakefield, MA, 01881, USA
ZEU	**Zeltex Inc.,** 940 Detroit Ave, Concord, CA, 94518, USA

Appendix D
IC Manufacturers' House Numbers

(General Note: Manufacturers often adopt their own 'in-house' serial numbering for their ICs. Listed below are the initial letters of numerical series used by different manufacturers.)

AD	Analog Devices
ADO	Analog Devices
AM	Advanced Micro Devices; Datel
AMD	Advanced Micro Devices
AMLM	Advanced Micro Devices
AMSSS	Advanced Micro Devices
AMU	Advanced Micro Devices
C	Bell & Howell
CA	RCA
CIA	Teledyne-Philbrick
CMP	Precision Monolithics
CN	Ferranti
DA	Teledyne-Philbrick
EP	Teledyne-Philbrick
ESL	Teledyne-Philbrick
FSL	Teledyne-Philbrick
FSS	Ferranti
HA	Harris
HEPC	Motorola
ICH	Intersil
ICL	Intersil
JM	Fairchild
JSF	Thomson-CSF
L	Analog Devices; SGS-ATES
LA	Teledyne-Philbrick
LF	National Semiconductor
LH	National Semiconductor
LM	National Semiconductor
M	Mitsubishi
MC	Motorola Semiconductors
MCC	Motorola Semiconductors
MCCF	Motorola Semiconductors
MCE	Motorola Semiconductors
MCH	Motorola Semiconductors
MIC	ITT Semiconductors
MLF	Motorola; Teledyne-Philbrick
MLM	Motorola Semiconductors
MLMC	Motorola Semiconductors
MONO-OP	Precision Monolithics
N	Signetics; Mullard
NC	General Instruments (obs.)
NE	Signetics; Mullard
NH	National Semiconductor
OP	Precision Monolithics
P	Teledyne-Philbrick
PF	Teledyne-Philbrick
PG	General Instruments (obs.)
PP	Teledyne-Philbrick
RA	Radiation (now Harris)
RC	Raytheon
RL	Raytheon
RM	Raytheon
RSN	Raytheon
RV	Raytheon
S	Signetics
SA	Teledyne-Philbrick
SE	Signetics; Mullard
SFC	Thomson-CSF
SG	Silicon General
SH	Fairchild
SK	RCA
SL	Plessey: Teledyne-Philbrick
SN	Texas Instruments
SP	Teledyne-Philbrick
SQ	Teledyne-Philbrick
SSS	Precision Monolithics
SU	Signetics; Mullard
T	Teledyne-Philbrick Transitron
TA	AEG-Telefunken
TAA	Proelectron Standard
TBA	Proelectron Standard
TBB	Proelectron Standard
TBC	Proelectron Standard
TBE	Proelectron Standard
TCA	Proelectron Standard
TDA	Proelectron Standard
TDB	Proelectron Standard
TDC	Proelectron Standard
TDE	Proelectron Standard
TL	AEG-Telefunken
TOA	Transitron
TSC	Transitron
U	Fairchild
ULN	Sprague
ULS	Sprague
USL	Teledyne-Philbrick
ZA	Zeltex
ZEL	Zeltex
ZLD	Ferranti
ZN	Ferranti
μA	Fairchild

Appendix E
Tabulation Codes for Applications

BDO	Balanced differential-output amplifier
CDA	Current-difference amplifier
CHP	Chopper-stabilized amplifier
CPR	DC comparator
DBD	Dual balanced differential-output amplifier
DCP	Dual Comparator
DFE	Dual fet-input opamp
DGK	Dual general purpose opamp
DGU	Dual general-purpose uncompensated opamp
DHS	Dual high-slew-rate opamp
DLN	Dual low-noise opamp
DPI	Dual precision instrumentation amplifier
DPR	Dual programmable opamp
DSB	Dual super-beta opamp
FET	Fet-input opamp
GPK	General-purpose, internally-compensated, opamp
GPU	General-purpose, uncompensated, opamp
HCO	High current output opamp
HIR	High input resistance opamp
HPO	High power output opamp
HSR	High slew rate opamp
HVO	High voltage output opamp
LBC	Low input bias current opamp
LCD	Low input offset current drift opamp
LNA	Low noise opamp
LOC	Low input offset current opamp
LOV	Low input offset voltage opamp
LQP	Low quiescent power opamp
LVD	Low input offset voltage drift opamp
MWB	Medium-wideband opamp
OTA	Operational transconductance amplifier
PAA	Parametric amplifier
PIA	Precision instrumentation amplifier
PRA	Programmable opamp
QCD	Quad current-difference amplifier
QCP	Quad comparator
QFE	Quad fet-input opamp
QGK	Quad general-purpose, internally-compensated, opamp
QGU	Quad general-purpose, uncompensated, opamp
QLQ	Quad low-quiescent-power opamp
QPI	Quad precision instrumentation amplifier
QPR	Quad programmable opamp
QSB	Quad super-beta opamp
SBA	Super-beta opamp
TCP	Triple comparator
TFE	Triple fet-input opamp
TGK	Triple general-purpose, internally compensated, opamp
TGU	Triple general-purpose, uncompensated, opamp
TLN	Triple low-noise opamp
TLP	Triple low-quiescent-power opamp
TOT	Triple operational transconductance amplifier
TPI	Triple precision instrumentation amplifier
TPR	Triple programmable opamp
TSB	Triple super-beta opamp
VFA	Voltage-follower amplifier
WBA	Wide-band opamp
XHG	Extra-high-gain opamp
XLP	Extra-low quiescent power opamp
XSR	Extra-high slew rate opamp
XWB	Extra-wide-band opamp

Appendix G
Codes for Leadout Connections

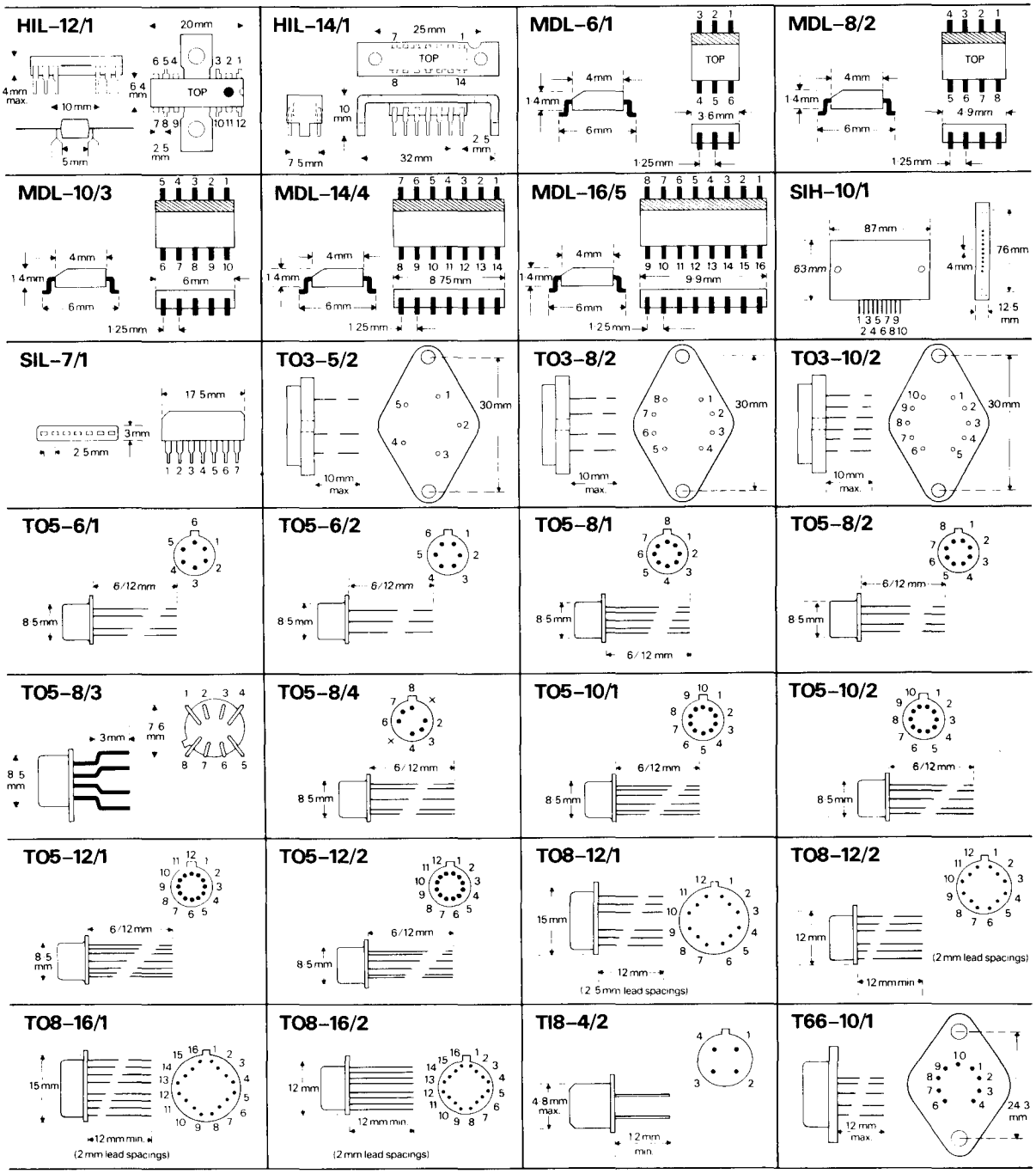
I: Connection Codes in Serial Order

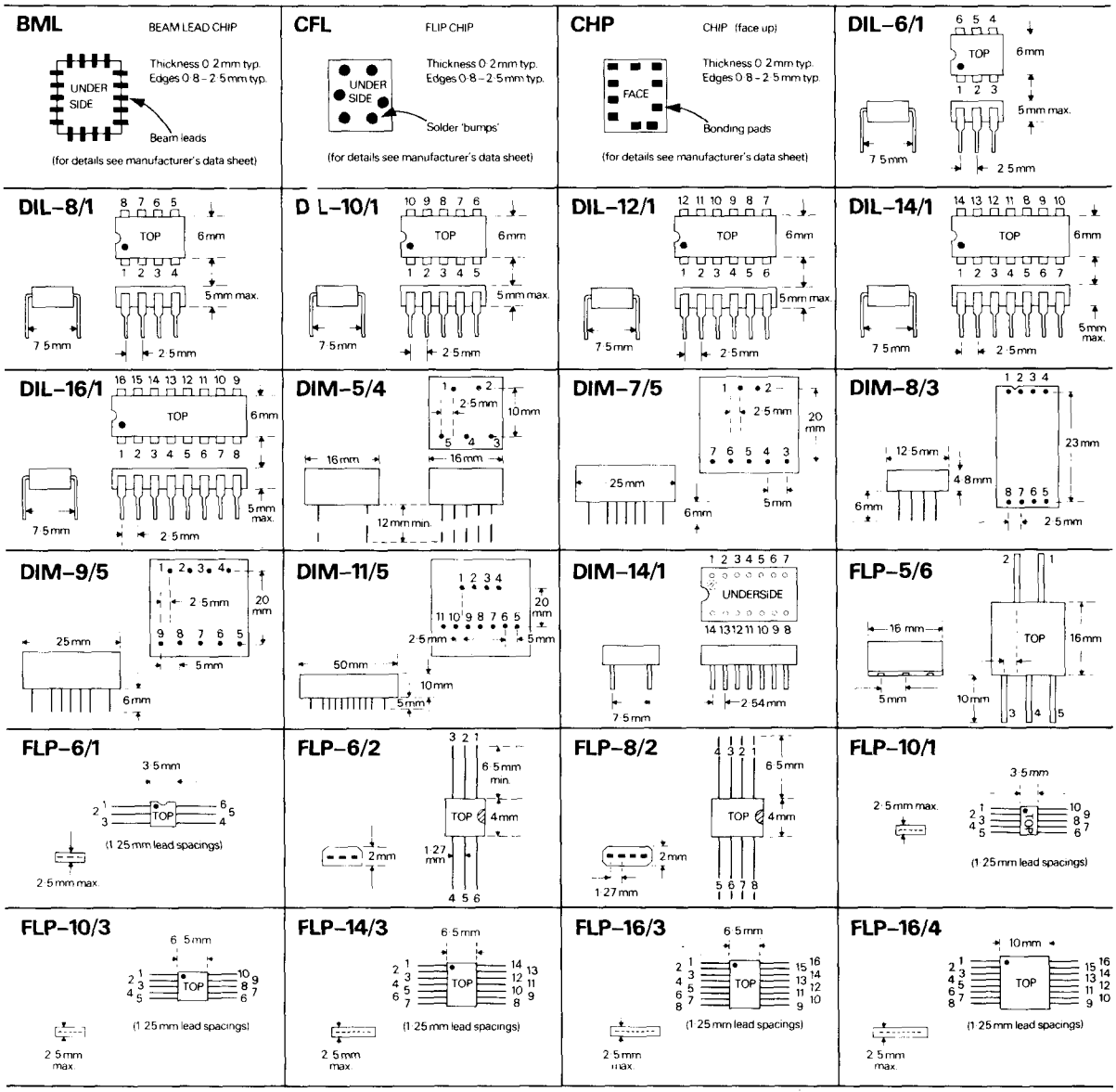
A = Gain adjust, 1
A* = Gain adjust, 2
B = Bias adjust or set
C = Case, package, screen
E+ = Input, non-inverting, low-level
E− = Input, inverting, low-level
F = Input frequency compensation, 1
F* = Input frequency compensation, 2
G = Ground, common, earth, zero volts
J+ = Input, non-inverting, high-level
J− = Input, inverting, high-level
K = Output, open collector
L = Output, open emitter
M = Metal casing
N = Not connected, i.e. isolated lead
Q = Special terminal (consult manufacturer's data)
R = Output, 1
R* = Output, 2
S = Strobe
T = Offset balance, trim or null, 1
T* = Offset balance, trim or null, 2
V+ = +ve dc supply
V− = −ve dc supply
W = Guard ring
X = Blank position, lead omitted
++ = +ve supplementary dc supply
−− = −ve supplementary dc supply
φ = Output frequency compensation, 1
φ* = Output frequency compensation, 2

II: Lead Assignments in Alphabetical Order

Balance, offset, 1 = T
Balance, offset, 2 = T*
Bias adjust = B
Blank position, without lead = X
Case = C
Compensation, input, 1 = F
Compensation, input, 2 = F*
Compensation, output, 1 = φ
Compensation, output, 2 = φ*
DC supply, +ve = V+
DC supply, −ve = V−
Frequency compensation, input, 1 = F
Frequency compensation, input, 2 = F*
Frequency compensation, output, 1 = φ
Frequency compensation, output, 2 = φ*
Gain adjust, 1 = A
Gain adjust, 2 = A*
Ground = G
Guard ring = W
Input, inverting, high-level = J
Input, non-inverting, high-level = J+
Input, inverting, low-level = E−
Input, non-inverting, low-level = E+
Input offset voltage, adjust, 1 = T
Input offset voltage, adjust, 2 = T*
Lead omitted, blank position = X
Lead in position but not connected = N
Metal case = M
Not connected, but lead in position = N
Null, offset, 1 = T
Null, offset, 2 = T*
Offset voltage adjust, 1 = T
Offset voltage adjust, 2 = T*
Output, 1 = R
Output, 2 = R*
Output, open-collector = K
Output, open-emitter = L
Package = C
Special purpose terminal (data sheet to be consulted) = Q
Strobe = S
Supply, dc, +ve = V+
Supply, dc, −ve = V−
Supply, dc, supplementary, +ve = ++
Supply, dc, supplementary, −ve = −−
Trim (offset voltage), 1 = T
Trim (offset voltage), 2 = T*

Appendix F


HIL-12/1
HIL-14/1
MDL-6/1
MDL-8/2
MDL-10/3
MDL-14/4
MDL-16/5
SIH-10/1
SIL-7/1
TO3-5/2
TO3-8/2
TO3-10/2
TO5-6/1
TO5-6/2
TO5-8/1
TO5-8/2
TO5-8/3
TO5-8/4
TO5-10/1
TO5-10/2
TO5-12/1
TO5-12/2
TO8-12/1
TO8-12/2
TO8-16/1
TO8-16/2
TI8-4/2
T66-10/1
TOP
(2 mm lead spacings)
(2.5 mm lead spacings)


BML
BEAM LEAD CHIP
Thickness 0·2mm typ.
Edges 0·8 - 2·5mm typ.
UNDER SIDE
Beam leads
(for details see manufacturer's data sheet)
CFL
FLIP CHIP
Thickness 0·2mm typ.
Edges 0·8 - 2·5mm typ.
UNDER SIDE
Solder 'bumps'
(for details see manufacturer's data sheet)
CHP
CHIP (face up)
Thickness 0·2mm typ.
Edges 0·8 - 2·5mm typ.
FACE
Bonding pads
(for details see manufacturer's data sheet)
DIL-6/1
DIL-8/1
DIL-10/1
DIL-12/1
DIL-14/1
DIL-16/1
DIM-5/4
DIM-7/5
DIM-8/3
DIM-9/5
DIM-11/5
DIM-14/1
FLP-5/6
FLP-6/1
FLP-6/2
FLP-8/2
FLP-10/1
FLP-10/3
FLP-14/3
FLP-16/3
FLP-16/4
TOP
UNDERSIDE
6mm
5mm max.
2·5mm
7·5mm
(1·25mm lead spacings)
2·5mm max.