

	MOISTURE SENSITIVITY LEVEL FOR SURFACE MOL	JNT PACKAGE		
PACKAGE	DESCRIPTION (SURFACE MOUNT PACKAGE)	LTC Designated	J-STD-020	Dry Pack
CATEGORY	DESIGN DEPENDENT, PLEASE SEE:	Package Codes	MSL	Required?
BGA	http://www.linear.com/designtools/packaging/umodule.php +	Y	3/4	Yes
DD PAK	3, 5, 7 LEAD DD-PAK	M, Q, R	1 &	No
DFN	3 LEAD DFN (2mm x 2mm)	DC3	1	No
	4 LEAD DFN (2mm x 2mm)	DC4	1	No
	6 LEAD DFN (2mm x 2mm)	DC6	1	No
	6, 8 LEAD DFN (2mm x 3mm)	DCB	1	No
	8 LEAD DFN (2mm x 2mm)	DC8	1	No
	8, 10, 12 LEAD DFN (3mm x 3mm)	DD, DDMA	1	No No
	8, 10, 12 LEAD DFN (3mm x 2mm) 12 LEAD DFN (4mm x 3mm)	DDB DE, DE12(10), UE	1 1	No
	14, 16 LEAD DFN (4mm x 3mm)	DE, DE 12(10), DE	1	No
	14 LEAD (4mm x 3mm) DFN	DE14MA	i	No
	16 LEAD (3mm x 4mm)	DEMA	1	No
	12, 14 LEAD DFN (4mm x 4mm)	DF	1	No
	16 LEAD DFN (5mm x 5mm)	DH	1	No
	16, 18 LEAD DFN (5mm x 3mm)	DHC	1	No
	16 LEAD DFN (5mm x 4mm)	DHD	1	No
	18 LEAD DFN (5mm x 4mm)	DHD	TBQ 1	TBQ
	24, 32 LEAD DFN (7mm x 4mm) 22 LEAD DFN (6mm x 3mm)	DKD DJC	1	No No
LCC	8 LEAD LCC (5mm x 5mm) *	LS8	N/A	N/A
200	20 LEAD RECTANGULAR LCC *	L	N/A	N/A
	20 LEAD RECTANGULAR LCC *	LS	N/A	N/A
LGA	DESIGN DEPENDENT, PLEASE SEE:	V	3/4	Yes
	http://www.linear.com/designtools/packaging/umodule.php +			
LQFP	48 LEAD LQFP (7mm x 7mm) +	LX	3	Yes
	48 LEAD eLQFP (7mm x 7mm) +	LXE	3	Yes
MOOD	64 LEAD eLQFP (10mm x 10mm)	LWE	TBQ	TBQ
MSOP	8 LEAD MSOP 8 LEAD MSOP EXPOSED DIE PAD	MS8 MS8E	1 1	No No
	10, 12, 16 LEAD MSOP	MS	1	No
	10, 12, 16 LEAD MSOP EXPOSED DIE PAD	MSE	i	No
QFN	12, 16, 20 LEAD QFN (3mm x 3mm)	UD	1	No
	10, 12 LEAD QFN (3mm x 2mm)	UDB	1	No
	18, 20, 24 LEAD QFN (3mm x 4mm)	UDC	1	No
	24 LEAD QFN (3mm x 5mm)	UDD	1	No
	28 LEAD QFN (3mm x 6mm)	UDE	1	No
	16, 20, 24, 28 LEAD QFN (4mm x 4mm)	UF	1	No No
	20, 24, 28 LEAD QFN (4mm x 5mm) 32, 38 LEAD QFN (4mm x 6mm)	UFD UFE	1 1	No No
	26 LEAD QFN (411111 x 611111)	UFEMA	1	No
	32 LEAD QFN (4mm x 6mm)	UFEMA	TBQ	TBQ
	34, 36, 44 LEAD QFN (4mm x 7mm)	UFF	1	No
	20, 24, 32, 40 LEAD QFN (5mm x 5mm)	UH	1	No
	28, 36, 42 LEAD QFN (5mm x 6mm)	UHE	1	No
	38, 40 LEAD QFN (5mm x 6mm)	UHF	1	No
	40 LEAD (5mm x 8mm)	UHG	TBQ	TBQ
	52 LEAD (5mm x 8mm)	UHG	1	No No
	48, 56, 58 LEAD QFN (5mm x 9mm) 40 LEAD QFN (6mm x 6mm)	UHH	1 1	No
	44 LEAD QFN (6mm x 7mm)	UJ UJF	TBQ	TBQ
	44, 48 LEAD QFN (7mm x 7mm)	UK	1	No
	52 LEAD QFN (7mm x 8mm)	UKG	1	No
	64 LEAD QFN (7mm x 9mm)	UKH	TBQ	TBQ
	64 LEAD QFN (7mm x 11mm)	UKJ	1	No
	64 LEAD QFN (9mm x 9mm)	UP	1	No
	68 LEAD QFN (7mm x 12mm)	UKK	TBQ	TBQ
	38 LEAD MULTIPAD (5mm x 9mm) +	WHH	3	Yes
	52 LEAD MULTIPAD (7mm x 8mm) 56 LEAD MULTIPAD (7mm x 9mm)	WKG	1	No No
	64 LEAD MULTIPAD (7mm x 9mm) 64 LEAD MULTIPAD (9mm x 9mm)	WKH WP	1 1	No No
	72 LEAD QFN (10mm x 10mm) +	WR	3	Yes
	24 LEAD TLA QFN (7mm x 7mm)	TLUK	1	No
	56 LEAD TLA QFN (6mm x 6mm)	TLUJ	1	No
	76 LEAD TLA QFN (7mm x 7mm)	TK	TBQ	TBQ
SC70	6 LEAD SC70	SC6	1	No
	8 LEAD SC70	SC8	1	No



GE GORY	SCRIPTION (SURFACE MOUNT PACKAGE)	LTC Designated Package Codes	J-STD-020 MSL	Dry Pack Required?		
8 L	EAD SO	S8	1	No		
8 L	EAD SO EXPOSED PAD	S8E	3	Yes		
14	LEAD SO	S	1	No		
16	LEAD SO (NARROW)	S	1	No		
16	, 18, 20, 24, 28 LEAD SO (WIDE)	SW	1	No		
3 L	EAD SOT-23	S3	1	No		
4 L	EAD SOT-23	S4	1	No		
3 L	EAD SOT-223	ST	1	No		
5 L	EAD TSOT	S 5	1	No		
6 L	LEAD TSOT	S6	1	No		
8 L	EAD TSOT	TS8	1	No		
16	, 20, 24, 28 LEAD SSOP (NARROW)	GN	1	No		
16	, 20, 24, 28, 36, 44, 48 LEAD SSOP	G	1	No		
36	, 44 LEAD SSOP (WIDE)	GW	1	No		
32	LEAD TQFP	LU	TBQ	TBQ		
32	LEAD TQFP EXPOSED PAD	LUE	TBQ	TBQ		
14	, 20 LEAD TSSOP (4.4mm)	F	1	No		
48	LEAD TSSOP (6.1mm)	FW	1	No		
56	LEAD TSSOP (6.1mm)	FW	1	No		
16	, 20, 24, 28, 38 LEAD TSSOP (4.4mm) EXPOSED DIE PAD	FE	1	No		
38	LEAD TOP EXPOSED PAD TSSOP (4.4mm)	FTE	1	1		
8 L	EAD UTDFN (2mm x 2mm)	KC	1	No		
10	LEAD UTDFN (3mm x 3mm)	KD	1	No		
14	LEAD UTDFN (4mm x 4mm)	KE	1	No		
I 16	, 20 LEAD UTQFN (3mm x 3mm)	PD	1	No		
20	LEAD UTQFN (3mm x 4mm)	PDC	1	No		
	, 28 LEAD UTQFN (4mm x 4mm)	PF	1	No		
i: Pe	ak Body Reflow Temperature determined per JEDEC J-STD-020.	•		•		
+ F	Requires dry pack.					
8 1	& May observe delamination; classified MSL 1 per J-STD-020 Annex A Reliability Assessment.					
1.8	' ''	lity Assessment.				