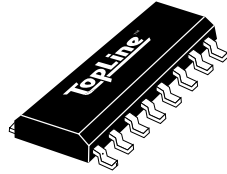


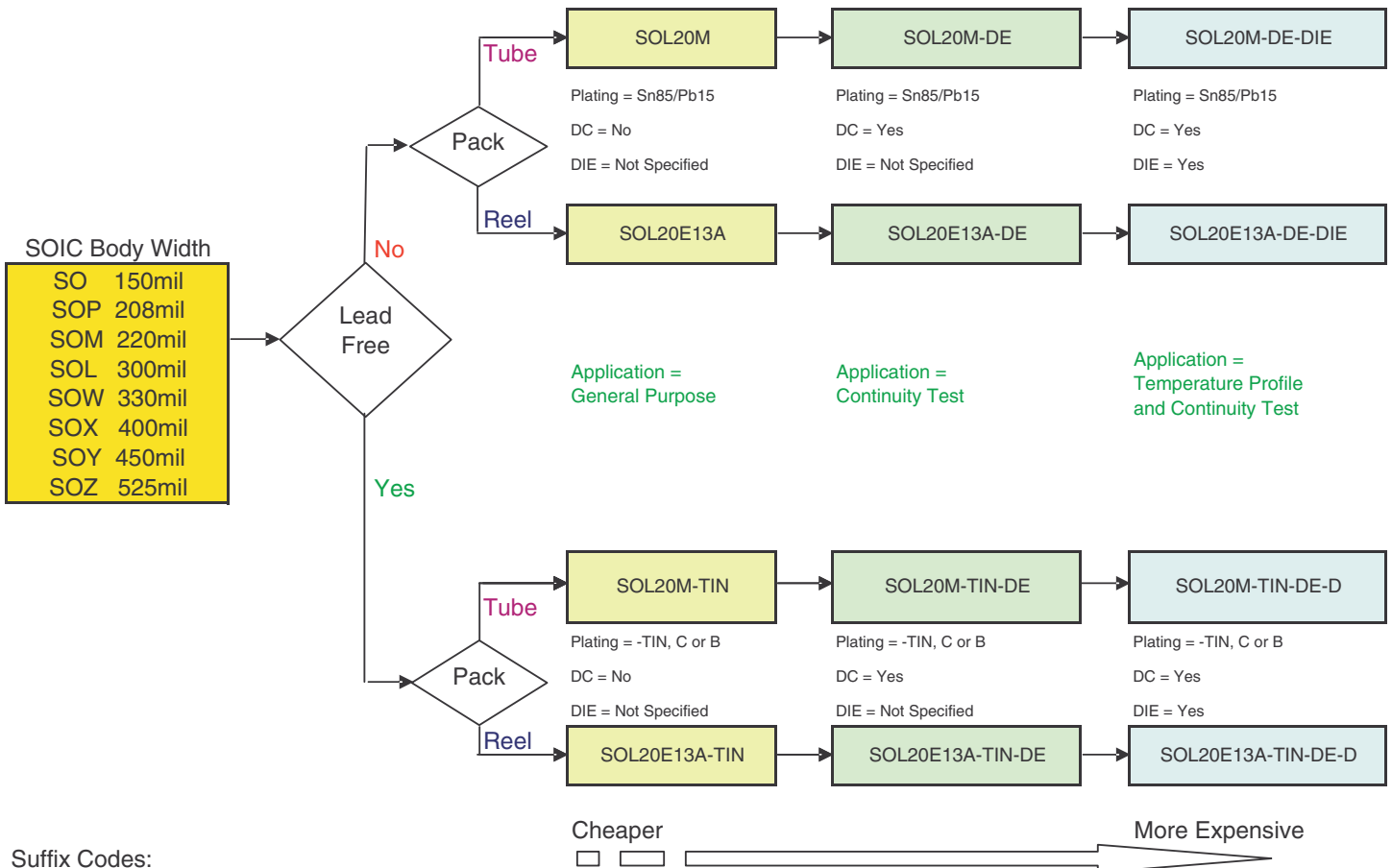
SOIC

Small Outline Circuit - Gull Wing Leads



SOL			16	M	Lead Plating	Option
DEVICE			NUMBER LEADS			
BODY WIDTH			PACKAGING			
SERIES	MILS	MM				
SO	150	3.9mm	M = Tubes			
SOL	300	7.5mm	E4A = 4" Tape & Reel			
SOM	220	5.6mm	E7A = 7" Tape & Reel			
SOP	208	5.3mm	E13A = 13" Tape & Reel			
SOW	330~350	8.4~8.9mm	X = Small Qty.			
SOX	400	10.0mm				
SOY	450	11.4mm				
SOZ	525	13.3mm				
Pitch = 50 mil (1.27mm) Standard						
			LEAD PLATING			
			Blank = Sn85/Pb 15			
			TIN = Sn100			
			B = Sn97/Bi3.0			
			C = Sn98/Cu2.0			
			OPTION			
			Blank = unspecified			
			DE = Daisy Chain Even			
			ISO = Isolated			

Substituting SOIC



Suffix Codes:

"DIE" is sometimes abbreviated to "D".

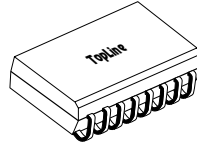
"DE" = Daisy Chain "Even" (1-2, 3-4, 5-6, 7-8, etc) "ISO" = Isolated connections "BUS" = All Leads Connected.

Lead Free Plating: "TIN" = Sn100, B = Sn97/Bi3.0 C = Sn98/Cu2.0

Pack: "M" = Tubes, E13A = 13" Reels, E7A = 7" Reel (special), "X" = mini Pack Bags

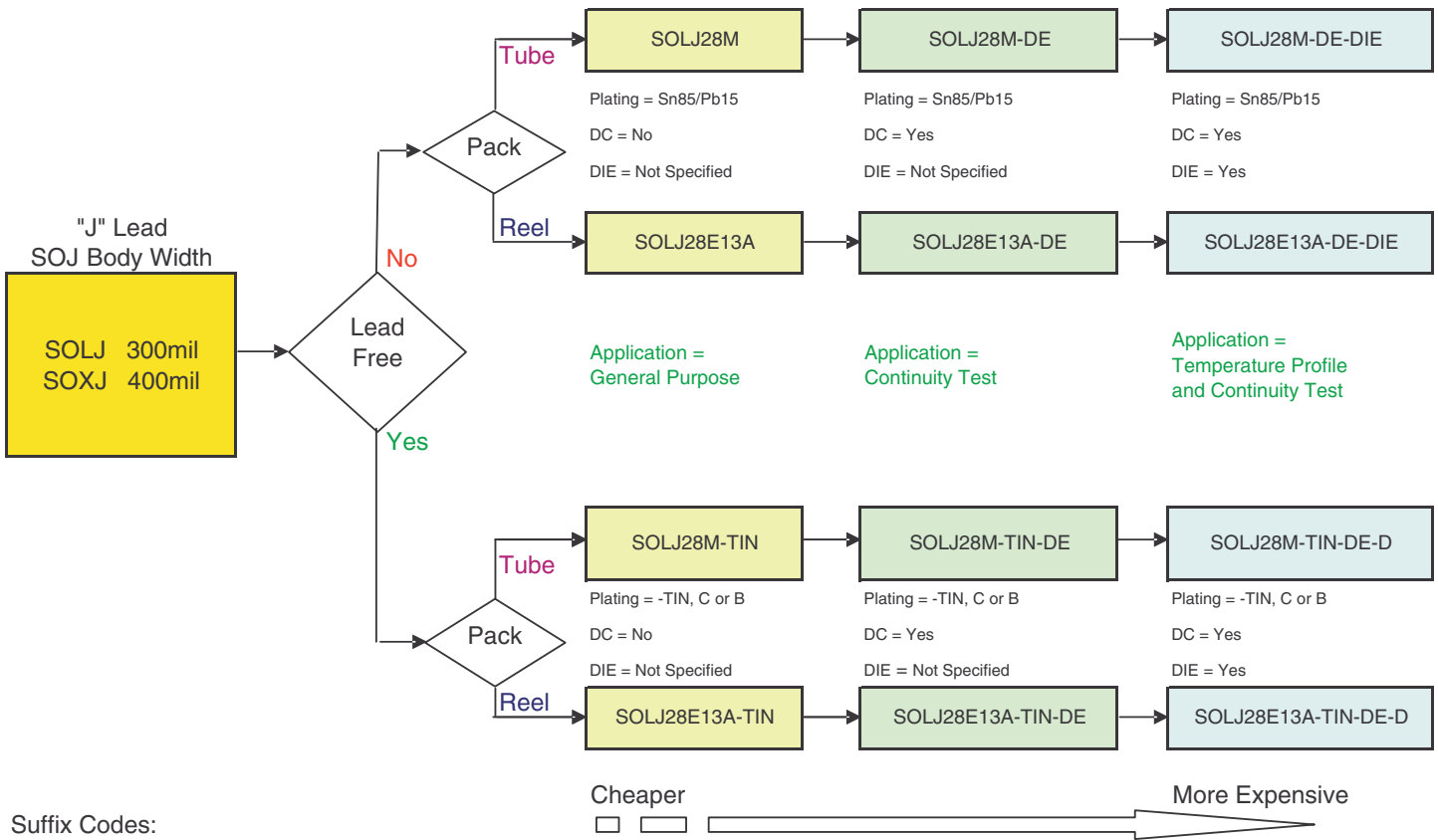
Pitch in mils: Always 50mils (1.27mm). No code necessary.

SOJ Small Outline J-Lead



<u>SOLJ</u>			<u>28</u>	<u>M</u>	<u>Lead Plating - Option</u>
<u>DEVICE</u>			<u>NUMBER LEADS</u>		
	<u>BODY WIDTH</u>				
<u>SERIES</u>	<u>MILS</u>	<u>MM</u>			
SOLJ	300	7.5mm			
SOXJ	400	10mm			
Pitch = 50 mil (1.27mm) Standard					
			<u>PACKAGING</u>		
			M = Tubes		
			E4A = 4" Tape & Reel		
			E7A = 7" Tape & Reel		
			E13A = 13" Tape & Reel		
			X = Single Pack		
				<u>LEAD PLATING</u>	
				Blank = Sn85/Pb 15	
				TIN = Sn100	
				B = Sn97/Bi3.0	
				C = Sn98/Cu2.0	
				<u>OPTION</u>	
				Blank = unspecified	
				DE = Daisy Chain Even	
				ISO = Isolated	
				D = Die	

Substituting SOJ



Suffix Codes:

"DIE" is sometimes abbreviated to "D".

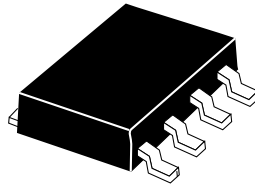
"DE" = Daisy Chain "Even" (1-2, 3-4, 5-6, 7-8, etc) "ISO" = Isolated connections "BUS" = All Leads Connected.

Lead Free Plating: "TIN" = Sn100, B = Sn97/Bi3.0 C = Sn98/Cu2.0

Pack: "M" = Tubes, E13A = 13" Reels, E7A = 7" Reel (special), "X" = mini Pack Bags

Pitch in mils: Always 50mils (1.27mm). No code necessary.

MSOP



MSOP

<u>DEVICE</u>	
<u>LEADS</u>	<u>PITCH</u>
8 lead	0.65mm
10 lead	0.5mm

8

<u>NUMBER LEADS</u>
<u>PACKAGING</u>

- M = Tubes
- E4A = 4" Reel
- E7A = 7" Reel
- X = Small Pack
- E = Carrier (No Reel)

M

Lead Plating

Option

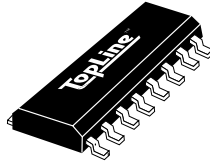
LEAD PLATING

- Blank = Sn85/Pb15
- TIN = Sn100

OPTION

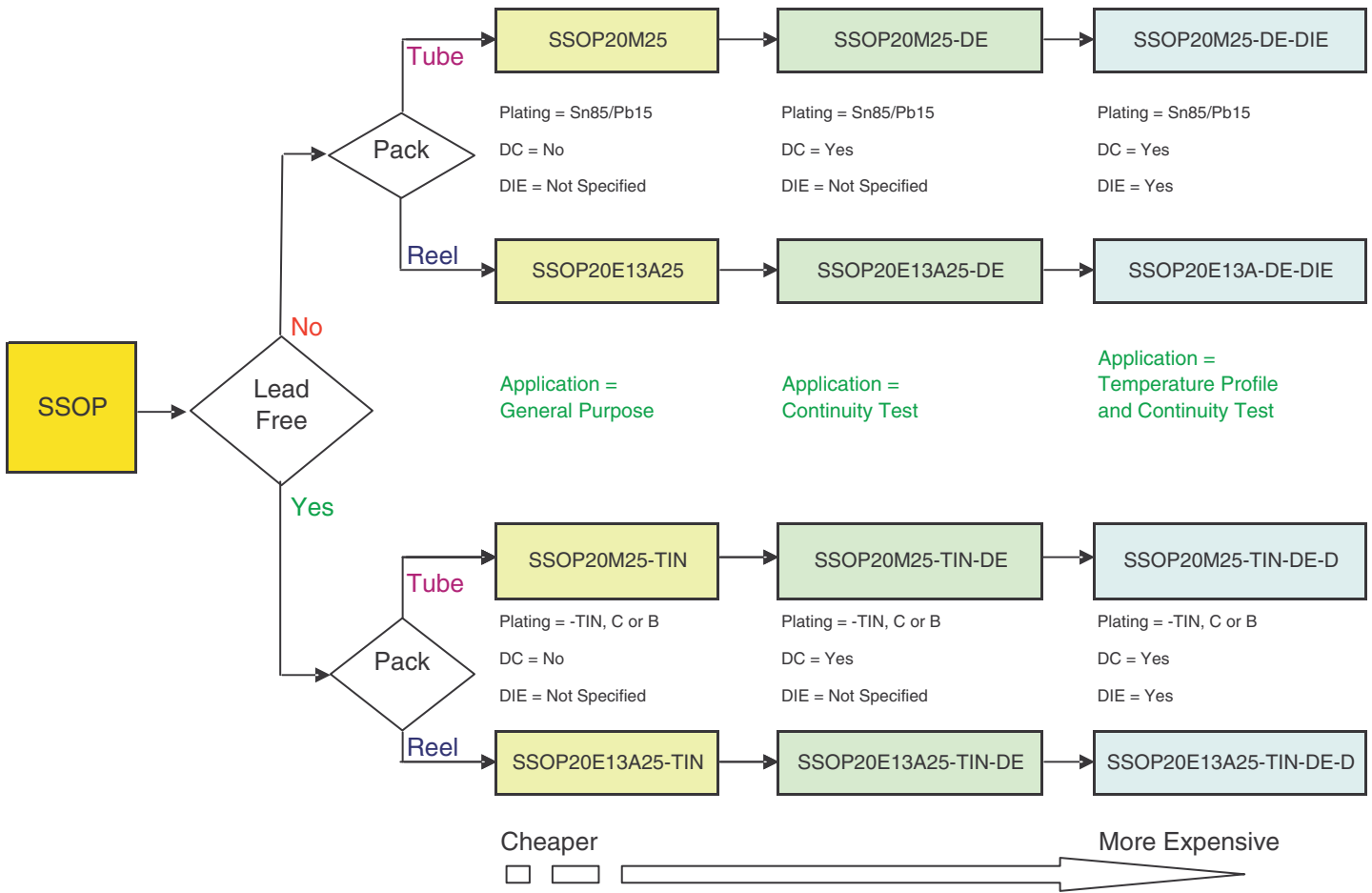
- Blank = unspecified
- DE = Daisy Chain Even
- ISO = Isolated
- D = Die

SSOP



<u>SSOP</u>			<u>16</u>	<u>M</u>	<u>Pitch</u>	<u>Lead Plating</u> - <u>Option</u>	
<u>DEVICE</u>			<u>NUMBER LEADS</u>				
<u>BODY WIDTH</u>							
<u>SERIES</u>	<u>MILS</u>	<u>MM</u>	<u>PACKAGING</u>				
QSOP	150	4.0mm	M = Tubes				<u>LEAD PLATING</u> Blank = Sn85/Pb15 TIN = Sn100 B = Sn97/Bi3.0
SSOP	208	5.3mm	E4A = 4" Tape & Reel				
SSOP	300	7.5mm	E7A = 7" Tape & Reel				
			E13A = 13" Tape & Reel				<u>OPTION</u> Blank = unspecified DE = Daisy Chain Even ISO = Isolated D = Die
			X = Small Pack				
			E = Carrier (No Reel)				
			<u>PITCH (MILS)</u>				
			25 = 0.65mm (0.635mm QSOP)				
			30 = 0.8mm				
			40 = 1.0mm				

Substituting SSOP



Suffix Codes:

"DIE" is sometimes abbreviated to "D".

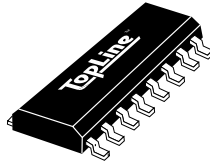
"DE" = Daisy Chain "Even" (1-2, 3-4, 5-6, 7-8, etc) "ISO"= Isolated connections "BUS" = All Leads Connected.

Lead Free Plating: "TIN" = Sn100, B = Sn97/Bi3.0 C = Sn98/Cu2.0

Pack: "M" = Tubes, E13A = 13" Reels, E7A = 7" Reel (special), "X" = mini Pack Bags

Pitch in mils: 15.7 = 0.4mm, 19.7 = 0.5mm, 25 = 0.65mm, 31.5 = 0.8mm, 40 = 1.0mm

TSSOP



TSSOP

24

M

25

**Lead
Plating - Option**

DEVICE		
BODY WIDTH		
SERIES	MILS	MM
TSSOP	173	4.4mm
TSSOP	240	6.1mm

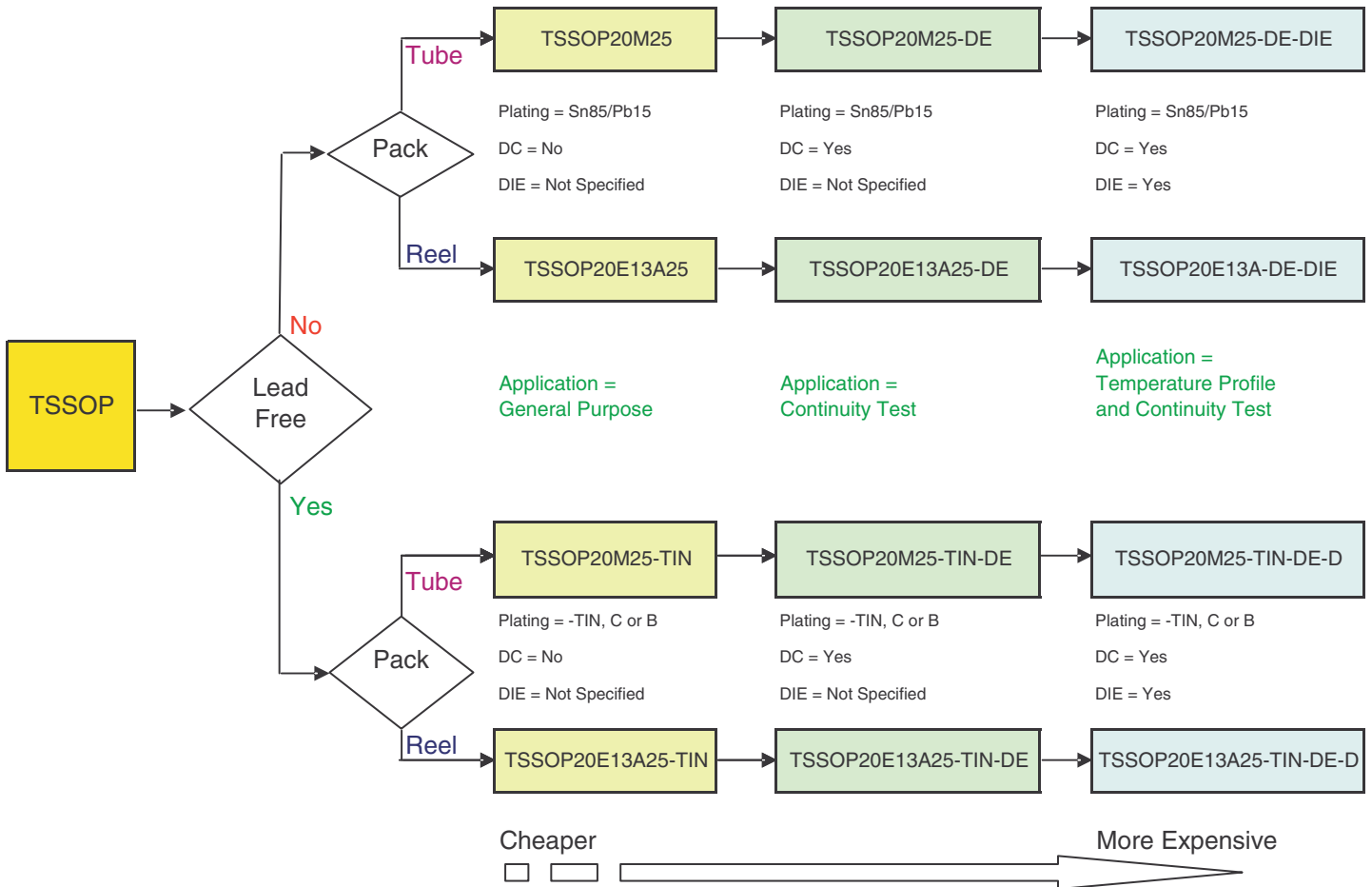
NUMBER LEADS
PACKAGING
M = Tubes
E4A = 4" Reel
E7A = 4" Reel
E13A = 13" Reel
X = Small Pack
E = Carrier (No Reel)

PITCH (MILS)
15.7 = 0.4mm
19.7 = 0.5mm
25 = 0.65mm

LEAD PLATING
 Blank = Sn85/Pb15
 TIN = Sn100
 B = Sn97/Bi3.0

OPTION
 Blank = unspecified
 DE = Daisy Chain Even
 ISO = Isolated
 D = Die

Substituting TSSOP



Suffix Codes:

"DIE" is sometimes abbreviated to "D".

"DE" = Daisy Chain "Even" (1-2, 3-4, 5-6, 7-8, etc) "ISO" = Isolated connections "BUS" = All Leads Connected.

Lead Free Plating: "TIN" = Sn100, B = Sn97/Bi3.0 C = Sn98/Cu2.0

Pack: "M" = Tubes, E13A = 13" Reels, E7A = 7" Reel (special), "X" = mini Pack Bags



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