Part Numbering for Silicon capacitors

935152	49	2	510	–	T3	S
Digit 1-6 Type	Digit 7-8 BV	Digit 9 Size	Digit 10-12 Capacitance		Digit 13-14 Packing	Digit 15 Finishing

■Dig1-6 : Type & Thickness

Digit 1-6	Type	Thick-ness
935 121	LPSC	100um
935 131	HSSC	400um
935 132	HTSC	400um
935 133	XTSC	400um
935 155	ULSC	400um
935 156		100um
939 113	BBSC	400um
939 114		100um
935 151	UBSC	400um
935 152		100um
939 118	XBSC	100um
939 120	X2SC	100um
939 301	UBDC	100um
939 302	BBDC	100um
939 303	ULDC	100um
939 304	XBDC	100um
935 801	UESL	–

Digit 1-6	Type	Thick-ness
935 123	EMSC	100um
935 124	ETSC	250um
935 125	EXSC	250um
935 174	ATSC	250um
935 181	MGSC	100um
935 158	ULEC	100um
939 132	BBEC	100um
935 157	UBEC	100um

Digit 1-6	Type	Thick-ness
935 153	UWSC	250um
935 154		100um
935 142	WBSC	250um
935 144	WTSC	250um
935 145	WXSC	250um
935 146	WLSC	100um
935 147	WASC	250um
935 148		100um
935 141	WBDC	250um
935 143	WLDC	100um
935 241	WBCA	250um
935 243	WLCA	100um
935 242	WBSC2	250um
935 246	WLSC2	100um
935 247	WASC2	250um
935 248		100um
935 249	WACA	100um
935 261	HVSC	200um

■Dig7-8 : BV

Digit 7-8	BV
09	6V
42, 49,92	11V
71, 72, 73,78,79 82,83,86	30V
62,63	50V
05	100V
52	150V
12	1200V
15	1500V

■Dig9 : Size

Type	Dig9	Size (inch)	Size (mm)
HSSC HTSC XTSC LPSC	0		
	1	01005M	0.40mm x 0.20mm
	2	0201M	0.60mm x 0.30mm
	3	0201	0.80mm x 0.60mm
	4	0402	1.20mm x 0.70mm
	5	0603	1.80mm x 1.10mm
	6	0805	2.20mm x 1.40mm
	7	1206	3.40mm x 1.80mm
	8	1210	3.40mm x 2.70mm
	9	1812	4.70mm x 3.60mm
ULSC BBSC UBSC XBSC X2SC UBDC BBDC ULDC XBDC	0	0301M	0.90mm x 0.30mm
	1	0402M	1.00mm x 0.50mm
	2	0201M	0.60mm x 0.30mm
	3	0201	0.80mm x 0.60mm
	4	0402	1.20mm x 0.70mm
	5	0603	1.80mm x 1.10mm
	6	0302M	0.80mm x 0.50mm
	7	0404M	1.00mm x 1.00mm
	8	01005M	0.40mm x 0.20mm
	9		
UESL	0		
	1		
	2		
	3		
	4	–	1.15mm x 1.15mm
	5		
	6		
	7		
	8		
	9		

Type	Dig9	Size (inch)	Size (mm)
EMSC ETSC EXSC ATSC MGSC	0	0202	0.63mm x 0.63mm
	1	0404	1.07mm x 1.07mm
	2	0505	1.32mm x 1.32mm
	3	0605	1.59mm x 1.32mm
	4	1208	3.07mm x 2.07mm
	5	1612	4.07mm x 3.07mm
	6	1616	4.07mm x 4.07mm
	7	2016	5.07mm x 4.07mm
	8		
	9		
ULEC BBEC UBEC	0	0202	0.62mm x 0.62mm
	1	0404M	1.07mm x 1.07mm
	2	01005M	0.40mm x 0.20mm
	3		
	4	0505M	1.32mm x 1.32mm
	5	0201M	0.60mm x 0.30mm
	6	0201	0.80mm x 0.60mm
	7	0402M	1.00mm x 0.50mm
	8	0402	1.20mm x 0.70mm
	9	0603	1.80mm x 1.10mm
HVSC	0		
	1		
	2		
	3	1212	3.07mm x 3.07mm
	4		
	5		
	6	2016	5.00mm x 4.00mm
	7		
	8		
	9		

Type	Dig9	Size (inch)	Size (mm)
WBSC WLSC WTSC WXSC UWSC WASC WBDC WLDC WBCA WLCA	0	0303	0.80mm x 0.80mm
	1	0202	0.50mm x 0.50mm
	2	0101	0.25mm x 0.25mm
		0101+	0.294mm x 0.294mm
	3	0404	1.00mm x 1.00mm
	4	0504	1.25mm x 1.00mm
	5	0302	0.80mm x 0.50mm
	6	0601	1.50mm x 0.25mm
	7	0402	1.00mm x 0.50mm
	8	0201	0.50mm x 0.25mm
	9	015015	0.381mm x 0.381mm
WBSC2 WLSC2 WASC2	0	0205	0.50mm x 1.25mm
	1	02065	0.50mm x 1.624mm
	2	0208	0.50mm x 2.00mm
	3		
	4	0308	0.82mm x 2.00mm
	5		
	6	0412	1.00mm x 3.00mm
	7		
	8		
	9		
WACA	0		
	1		
	2	0308	0.75mm x 2.00mm
	3		
	4	0508	1.25mm x 2.00mm
	5		
	6		
	7		
	8		
	9		

Part Numbering for Silicon capacitors

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Digit 1-6	Digit 7-8	Digit 9	Digit 10-12	Digit 13-14	Digit 15
Type	BV	Size	Capacitance	Packing	Finishing

■Dig10-12 : Cap
=(Digit10)×(Digit11-12)

Digit10	Unit
0	10f
1	0.1p
2	1p
3	10p
4	0.1n
5	1n
6	10n
7	0.1μ
8	1μ
9	10μ

Digit11-12	Value
10	×10
15	×15
22	×22
33	×33
47	×47
56	×56

■Dig13-14 : Packing

Digit13	Packing with box	Digit14	Quantity
T	Tape & Reel	3	1,000
		4	10,000
		5	5,000
F	Film Frame Carrier	1	Diced wafers on 6" Film Frame Carrier UV cured
		2	Diced wafer on 8“ Film Frame Carrier UV cured
		3	Diced wafer on 12“Film Frame Carrier UV cured
		4	Diced wafers on 6" Film Frame Carrier without UV curing
		5	Diced wafers on 8" Film Frame Carrier without UV curing
		6	Diced wafers on 12" Film Frame Carrier without UV curing
		L	Diced wafers on 6" Film Frame Carrier UV cured with +90° rotation
W	Waffle Pack	0	5×5cm(full filled)
		9	5×5cm(with only 100 pieces)
E	Expander Grip ring	1	Expander Grip ring 6" diameter without UV curing

■Dig15 :Finishing

Digit15	Termination	Top side finishing	Bottom side finishing
A	Alu	3μm Al	TiNiAu (if applicable)
C	Cu	5μm Cu	NA
N	NiAu (ENiG)	NiAu Electroless	NA
S	SAC	SAC 305 type6	NA
T	TiWAu	Tiw / Au	TiNiAu
X	Alu	3μm Al	AlTiNiAu
Y	NiAu	ENIG	AlTiNiAu