

## 300mm Normal Test Grade SPEC

MS CODE	120189	12P084	121142
SIZE	300mm	300mm	300mm
TYPE	P012	P012	P012
DOPANT	BORON	BORON	BORON
ORIENTATION	100	100	100
FLAT / NOTCH	Notch	Notch	Notch
EDGE TYPE	F-TYPE-2step	F-TYPE-2step	F-TYPE-2step
LASER MARKING	HARD MARKING	HARD MARKING	HARD MARKING
EDGE POLISHING	100% conduct	100% conduct	100% conduct
THICKNESS TYPE	STANDARD	STANDARD	STANDARD
BSD	NONE	NONE	NONE
GRADE	Normal 1	Normal 1	Normal 1
ETCHING	Caustic+Slight (12"Etching Process)	Caustic+Slight (12"Etching Process)	Caustic+Slight (12"Etching Process)
EPI	Do not conduct	Do not conduct	Do not conduct
HEAT TREATMENT	Do not conduct	Do not conduct	Do not conduct
PRODUCT TYPE	DOUBLE-POLISHED WAFER(12")	DOUBLE-POLISHED WAFER(12")	DOUBLE-POLISHED WAFER(12")
BACKSEAL	Do not conduct	Do not conduct	Do not conduct
POLY BACK	Do not conduct	Do not conduct	Do not conduct
THICKNESS UNIT	μm	μm	μm
THICKNESS MIN	765	765	745
THICKNESS MAX	785	785	805
RES UNIT	Ω-cm	Ω-cm	Ω-cm
RES MIN	10	9	1

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RES MAX	30	15	35
NOTCH ORI	+1+1+0	+0+1+1	+0+1+1
NOTCH TOLERANCE	1.0	0.5	1.0
SLICE OFF ANGLE DEG	0.0	0.0	0.0
SLICE OFF ANGLE TOLERANCE	0.5	0.5	0.4
SLICE OFF ANGLE DIRECTION	+1+1+0	+1+1+0	+1+1+0
WARP MAX	50	30	42.75
BOW MAX	50	10	42.75
TTV MAX	2	1	4.27
STIR1 METHOD		SFQR	SFQR
STIR1 SITE MAX		0.065	0.05
STIR1 TOTAL SIZE		336	336
STIR1 SITE SIZE		26X8	26X8
STIR1 SITE PUA		95	100
TIR1 ALL SITE MAX		0.08	
STIR1 REF PLANE		Site Best Fit	Site Best Fit
STIR1 PARTIAL		Active	Active
STIR1 OFFSET		X: 0mm, Y: 0mm	
Shipping Box	SEP : FIMS FOSB MW 12" 25pcs - MW 300GT	Miraial : FIMS FOSB 12" 25pcs - KT 3004A	3S : FIMS FOSB 12" - GSW 300 (V2)
Particle	>0.2(100ea)	>0.12(80ea)	>0.065(50ea)