L17-阻劑塗佈及顯影系統 ACT8(TRACK ACT8)-標準製程

2018/02/01

ebeam resist

Wafer flow recipe (Function)	Step 1	Step2	Step3	Step 4	Step5	Step6	Step7	Step8
COT-CAN (ebeam -)	CSB 1-*	TRS(2-8)	ADH(2-15) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 100 nm	LHP(2-12) 110c-90s	TCP(2-7) 23c-25s	CSB 1-*
COT-CAP (ebeam +)	CSB 1-*	TRS(2-8)	ADH(2-15) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 90 nm	LHP(2-12) 100c-60s	TCP(2-7) 23c-25s	CSB 1-*
COT-NEB (ebeam -)	CSB 1-*	TRS(2-8)	ADH(2-15) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 385 nm	LHP(2-12) 110c-120s	TCP(2-7) 23c-25s	CSB 1-*
COT-P015 (ebeam +)	CSB 1-*	TRS(2-8)	ADH(2-5) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 385 nm	LHP(2-11) 90c-60s	TCP(2-7) 23c-25s	CSB 1-*
COT-OPENMARK (thick P015)	CSB 1-*	TRS(2-8)	ADH(2-5) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 700 nm	LHP(2-11) 90c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-CAN (COT-CAN Develop)	CSB 1-*	TRS(2-8)	PHP(2-23) 110c-60s	CPL(2-17) 23c-30s	DEV(2-4) 30s	HHP(2-14) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-CAP (COT-CAP Develop)	CSB 1-*	TRS(2-8)	PHP(2-23) 100c-60s	CPL(2-17) 23c-30s	DEV(2-4) 60s	HHP(2-14) 120c-90s	TCP(2-7) 23c-25s	CSB 1-*
DEV-NEB (COT-NEB Develop)	CSB 1-*	TRS(2-8)	PHP(2-23) 105c-120s	CPL(2-17) 23c-30s	DEV(2-4) 60s	HHP(2-14) 110c-120s	TCP(2-7) 23c-25s	CSB 1-*
DEV-P015 (COT-P015 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 120c-90s	CPL(2-17) 23c-30s	DEV(2-4) 60s	HHP(2-13) 115c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-OPENMARK (thick P015 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 120c-90s	CPL(2-17) 23c-30s	DEV(2-4) 100s	HHP(2-13) 115c-60s	TCP(2-7) 23c-25s	CSB 1-*

Wafer flow recipe **(Function)**	Step 1	Step2	Step3	Step 4	Step5	Step6	Step7	Step8
HB-CAN **(CAN hard bake only)**	CSB 1-*	TRS(2-8)				HHP(2-14) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
HB-CAP **(CAP hard bake only)**	CSB 1-*	TRS(2-8)				HHP(2-14) 120c-90s	TCP(2-7) 23c-25s	CSB 1-*
HB-NEB **(NEB hard bake only)**	CSB 1-*	TRS(2-8)				HHP(2-14) 110c-120s	TCP(2-7) 23c-25s	CSB 1-*
HB-P015 **(P015 hard bake only)**	CSB 1-*	TRS(2-8)				HHP(2-13) 115c-60s	TCP(2-7) 23c-25s	CSB 1-*

i-line resist

Wafer flow recipe (Function)	Step 1	Step2	Step3	Step 4	Step5	Step6	Step7	Step8
COT-PFI38 (i-line +)	CSB 1-*	TRS(2-8)	ADH(2-5) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 850 nm	LHP(2-11) 90c-60s	TCP(2-7) 23c-25s	CSB 1-*
COT-PFI89 (i-line +)	CSB 1-*	TRS(2-8)	ADH(2-5) 90c-60s	CPL(2-19) 23c-30s	COT(2-2) T 2100 nm	LHP(2-11) 90c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-PFI38-90s (COT-PFI38 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 120c-90s	CPL(2-9) 23c-30s	DEV(2-3) 90s	HHP(2-13) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-PFI38-180s (COT-PFI38 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 120c-90s	CPL(2-9) 23c-30s	DEV(2-3) 180s	HHP(2-13) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
DEV-PFI38-NOHB (COT-PFI38 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 120c-90s	CPL(2-9) 23c-30s	DEV(2-3) 90s		TCP(2-7) 23c-25s	CSB 1-*
DEV-PFI89 (COT-PFI89 Develop)	CSB 1-*	TRS(2-8)	PHP(2-22) 110c-90s	CPL(2-9) 23c-30s	DEV(2-3) 150s	HHP(2-13) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
HB-PFI38 (PFI38 hard bake only)	CSB 1-*	TRS(2-8)				HHP(2-13) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*
HB-PFI89 (PFI89 hard bake only)	CSB 1-*	TRS(2-8)				HHP(2-13) 110c-60s	TCP(2-7) 23c-25s	CSB 1-*