300mm 가 ...

300mm 가
300mm , 300mm 가
1997 299 2001 431 150% 가
75%가 가 35%
가
300mm 가
300mm 가 (High-Density)
(High Etch Rate) (High Throughput)

(Capacitively Coupled Plasma)
(Inductively Coupled Plasma)

2001 37 3 (ICP) 1997 12
가
42%, 30% 가
42%, 17%
(Parallel Resonance Antenna) (ICP)
Type) Dry Etcher 2002 5
RF Coil 300mm
가 27MHz VHF RF
Dry Etcher Tachyon

IPS (ICP) Plasma Source MICP Source 300mm
 Nano-etch 3000 System . MICP Source
 Plasma Source ICP Source . MICP Source , ICP
 Source 200mm 300mm Wafer 가
 가 MICP Source Pole Pole 200mm
 D&S 300mm (ICP) SPE300S
 , , , ,
 300mm , IPS,
 D&S ,
 가 .

,
 (Wet Etch) (Dry Etch) ,
 (Isotropic) (Anisotropic) .
 가
 (Plasma Etch) RF Field 가 가 , Radical
 Ion 가
 Coupled Plasma) . CCP(Capacitive Coupled Plasma), ICP(Inductive
 가 RF power
 , ESC , 가
 () , RF power, ,
 , ,