



KLA-Tencor IC

90

KLA-Tencor

TeraScan™

ultraviolet, DUV)

KLA-Tencor Nasdaq: KLAC

TeraScan™

(deep

KLA-Tencor

90 IC

80

() 50

(critical dimension, CD)

IC

90

TeraScan™

KLA-Tencor

TeraStar™

IC

KLA-Tencor

TeraScan™

KLA-Tencor

IC

TeraScan™

(Advanced Mask Technology Center, AMTC)

Infineon Technologies

AMD

DuPont

Photomasks

TeraScan™

AMTC

Dr. Markus Dilger

90

KLA-Tencor

TeraScan

TeraScan

optical proximity correction (OPC)

CD

TeraStar

TeraScan™

DUV

Tera™

90

TeraScan™

248

193

chrome-on-glass

embedded phase shift

alternating phase shift

65

28

10
die

193

248
die-to-database

TeraScan™
TeraScan™

die-to-

KLA-Tencor
IC
90

65
TeraScan™

Lance Glasser

TeraScan

65

TeraScan