

MT1685PE-AUSL

MT1685PE-AUSL is a MediaTek (MTK) DVD Controller IC used in optical disc drives. The base part MT1685PE is documented as a TQFP-208 device, and an actual DVD/CD drive teardown identifies it specifically as the DVD Controller.

Item	Details
Part number	MT1685PE-AUSL
Manufacturer	MediaTek (MTK)
Type	DVD Controller / Optical Disc Controller
Package	TQFP-208
Application	CD/DVD drives, DVD-ROM, CD-RW/DVD-RW
Category	Digital IC / Specialized Controller

Electronic classification

Digital IC → Embedded Controller → Optical Disc / DVD Controller

In a typical DVD drive, the MT1685PE works together with SDRAM and external memory/Flash to control the optical-drive functions and signal processing. A documented Dell optical-drive board, for example, uses MT1685PE + M12L16191A SDRAM on the DVD control board.

AUSL is a suffix/ordering variant of the MT1685PE; distributor listings explicitly show MT1685PE-AUSL as a related part number.

Important: I would not treat the generic distributor descriptions claiming “high-temperature IC” as reliable functional information; the stronger evidence is the actual board teardown identifying MT1685PE as a DVD Controller.