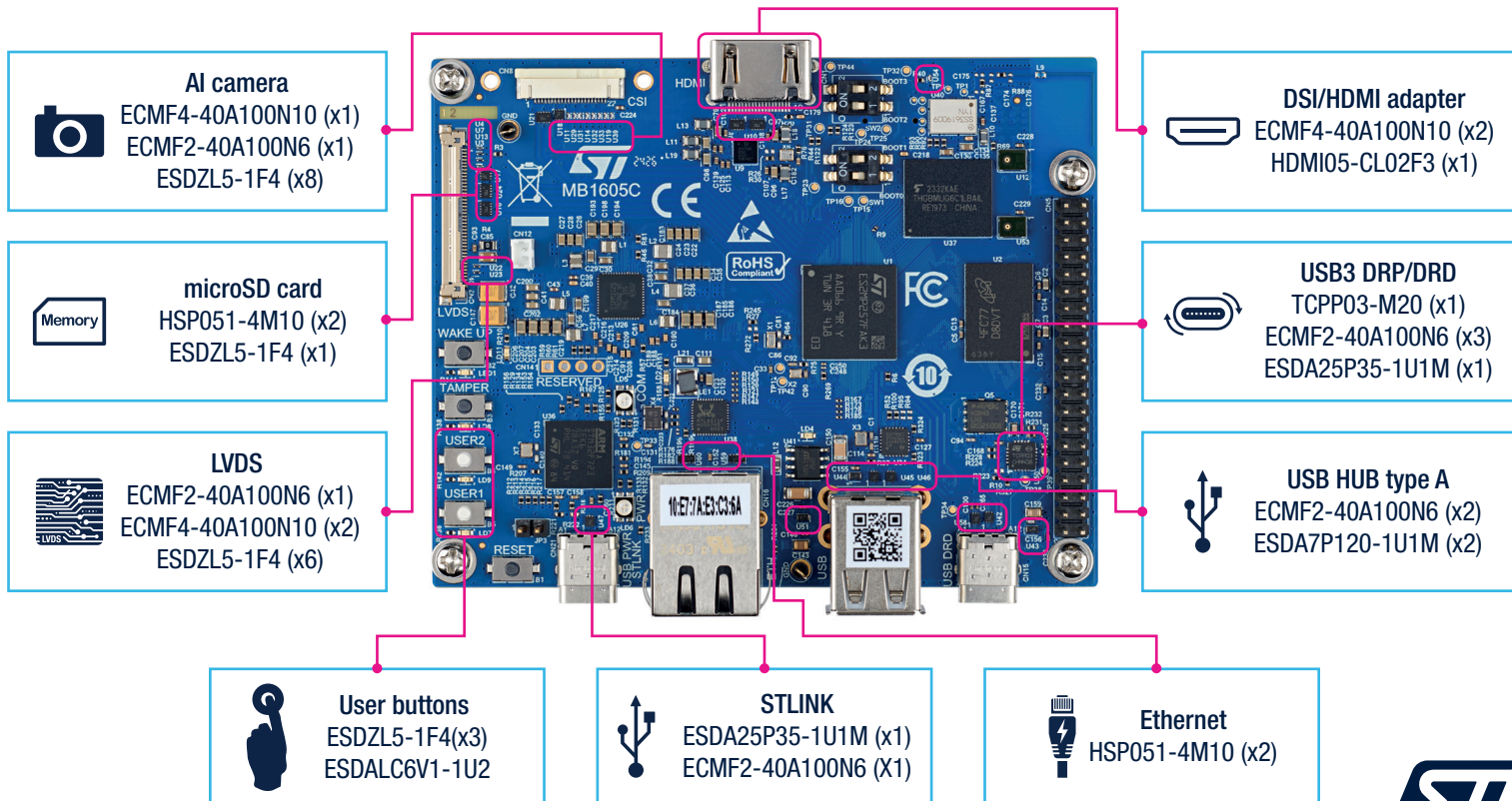






Protection & Filter devices in STM32MP257F-DK Discovery Kit

Maximize MCU performance with advanced protection and EMI filtering.

ST's ESD protection and EMI filter devices offer high protection efficiency with low clamping voltage (V_{CL}), low leakage current (I_{RM}) for protection transparency, ultralow capacitance, and ultrawide bandwidth for signal integrity.

Device	Interfaces
ECMF2-40A100N6(*)	AI camera (x1), LVDS (x1), STLINK (x1), USB HUB type A (x2), USB3 DRP/DRD (x3)
ECMF4-40A100N10(*)	DSI/HDMI (x2), AI camera, LVDS (x2), USB HUB type A (x1)
ESDA25P35-1U1M	STLINK (x1), USB3 DRP/DRD (x1)
ESDA7P120-1U1M	USB HUB type A (x2)
ESDALC6V1-1U2	User buttons (x1)
ESDZL5-1F4	AI camera (x8), microSD card (x1), LVDS (x6), User buttons (x3)
HDMI05-CL02F3(*)	DSI/HDMI (x1)
HSP051-4M10	Ethernet (x2), microSD card (x2)
TCPP03-M20(*)	USB3 DRP/DRD (x1)

(*) eligible for design

Learn more



Learn more about STM32MP2

Explore our application note AN5612
ESD protection of STM32 MCUs
and MPUs



Find out more at <https://www.st.com/en/protections-and-emi-filters.html>

