



PROFIBUS Fieldbus ASICs

Comparison Table

Part Number	VPCLS2	VPC3+CLF3	VPC3+S	MPI12x
Type	Lean Slave	Slave	Slave	Multi
Protocol				
PROFIBUS DP-V0	■	■	■	■
PROFIBUS DP-V1		■	■	■
PROFIBUS DP-V2 / ISOM		■	■	■
PROFIBUS DP-V2 / DXB Publisher		■	■	■
PROFIBUS DP-V2 / DXB Subscriber		■	■	■
PROFIBUS DP-V2 / CLKS		■	■	■
HW-PLL (DP-V2 ISOM)			■	
MPI (up to 12 MBit/s)				■
System Interface				
8 bit uC interface		■	■	■
Serial μC Interface			■	
Communication RAM		4 kByte	4 kByte	4 kByte
User I/O's + diag. inputs	32 + 8			
Power Supply				
5V single supply	■	■		
3.3V single supply		■	■	■
5V tolerant inputs	■	■		■
Package				
Type	PQFP80	PQFP44	BGA48	PQFP44
Pin compatible to	LSPM2*	SPC3*		SPC2*/SPC3*
RoHS conform	■	■	■	■

