

# Comparison Table

## PROFIBUS Fieldbus ASICs

Part Number	VPCLS2	SPC3	VPC3+CLF	VPC3+CLF3	VPC3+S	MPI12x
Type	Lean Slave	Slave	Slave	Slave	Slave	Multi
<b>Protocol</b>						
PROFIBUS DP-V0	■	■	■	■	■	■
PROFIBUS DP-V1		■	■	■	■	■
PROFIBUS DP-V2 / ISOM			■	■	■	■
PROFIBUS DP-V2 / DXB - Publisher		■	■	■	■	■
PROFIBUS DP-V2 / DXB - Subscriber			■	■	■	■
PROFIBUS DP-V2 / CLKS				■	■	■
MPI (up to 12 MBit/s)						■
HW-PLL					■	
<b>System Interface</b>						
8 bit uC interface		■	■	■	■	■
serial interface					■	
Communication RAM		1.5 kByte	4 kByte	4 kByte	4 kByte	4 kByte
User I/O's + diag. inputs	32 + 8					
<b>Power Supply</b>						
5V single supply	■	■	■	■		
3.3V single supply			■	■	■	■
5V tolerant inputs			■	■		■
<b>Package</b>						
Type	PQFP80	PQFP44	PQFP44	PQFP44	BGA48	PQFP44
Pin compatible to	LSPM2	VPC3+C	SPC3	SPC3		SPC2/SPC3
RoHS conform	■	■	■	■	■	■

