



	AT89C1051	AT89C2051	AT89C51	AT89LV51	AT89C52	AT89LV52	AT89C55	AT89S8252
INTERRUPT RECOVERY FROM POWER DOWN	-	-	-	-	-	-	-	YES
ANALOGUE COMPARATOR	YES	YES	-	-	-	-	-	-
I / O PINS	15	15	32	32	32	32	32	32
INTERRUPT SOURCES	3	6	6	6	8	8	8	9
EXTERNAL ADDRESS /DATA BUS	NO	NO	YES	YES	YES	YES	YES	YES
POWER DOWN & IDLE MODE	YES	YES	YES	YES	YES	YES	YES	YES
POWER SUPPLY	2.7-6.0	2.7-6.0	4.0-6.0	2.7-6.0	4.0-6.0	2.7-6.0	2.7-6.0	2.7-6.0
FREQUENCY	0-24	0-24	0-24	0-24	0-24	0-24	0-33	0-33
SERIAL DOWN-LOADING	NO	NO	NO	NO	NO	NO	NO	YES
PIN COUNT	20	20	40/44	40/44	40/44	40/44	40/44	40/44
I/O CURRENT SINK (mA PER PIN)	20	20	10	10	10	10	10	10
MAX TOTAL I/O CURRENT SINK (mA)	80	80	71	71	71	71	71	71