

多通道Speech/Melody IC
 QGPN5系列4位MCU和4通道Speech/Melody IC

OTP系列芯片															
序号	型号	秒数	ROM	SRAM	I/O	IR	VC	Q10	LSC	Fast Clock	Int Rosc	Ext Rosc	Large PWM	PWM	DAC
1	QGNP5P025	25	64K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
2	QGNP5P055	55	136K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
3	QGNP5P085	85	208K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
4	QGNP5P185	185	448K X 10	224 X 4	14+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
5	QGNP5P345	345	832K X 10	224 X 4	14+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
6	QGNP5P520	520	1248K X 10	224 X 4	14+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
7	QGNP5P720	720	1728K X 10	224 X 4	14+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
MASK掩膜系列芯片															
序号	型号	秒数	ROM	SRAM	I/O	IR	VC	Q10	LSC	Fast Clock	Int Rosc	Ext Rosc	Large PWM	PWM	DAC
1	QGNP5M003A	3.3	12K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
2	QGNP5M005A	5	16K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
3	QGNP5M008A	8.3	24K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
4	QGNP5M011A	11.7	32K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
5	QGNP5M018A	18.3	48K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
6	QGNP5M025A	25	64K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
7	QGNP5M035A	35	88K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
8	QGNP5M045A	45	112K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
9	QGNP5M055A	55	136K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
10	QGNP5M065A	65	160K X 10	224 X 4	7+1	V	V	8	8	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
11	QGNP5M008B	8.3	24K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
12	QGNP5M011B	11.7	32K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
13	QGNP5M018B	18.3	48K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
14	QGNP5M025B	25	64K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
15	QGNP5M035B	35	88K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
16	QGNP5M045B	45	112K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
17	QGNP5M055B	55	136K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
18	QGNP5M065B	65	160K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
19	QGNP5M075B	75	184K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
20	QGNP5M085B	85	208K X 10	224 X 4	14+1	V	V	15	15	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
21	QGNP5M112C	111.7	272K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
22	QGNP5M132C	131.7	320K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit

23	QGN5M158C	158.3	384K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
24	QGN5M185C	185	448K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
25	QGN5M225C	225	544K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
26	QGN5M265C	265	640K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
27	QGN5M305C	305	736K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
28	QGN5M345C	345	832K X 10	224 X 4	19+1	V	V	20	20	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
29	QGN5M450C	451.7	1088K X 10	224 X 4	23+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
30	QGN5M520C	518.3	1248K X 10	224 X 4	23+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
31	QGN5M640C	638.3	1536K X 10	224 X 4	23+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit
32	QGN5M720C	718.3	1728K X 10	224 X 4	23+1	V	V	24	24	1M/2Mhz	+/- %1	V	V	9 Bit	10Bit

VC: PWM和DAC有16级音量控制

QIO: 快速IO输出信号

LSC: 大灌入电流

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