

▷ MELODY IC TABLE\*

Type No.	Maximum Number of Tunes (Number of notes)	Tune Selection		Accompaniment	Preamplifier(internal)	BUSY END Signal	Transducer		External CF	Envelope		Oscillation	Tune mode	Power Supply			Package	Note	
		Binary Code	Serial Trigger				Magnetic	Piezo		Digital Envelope	CF self			External Clock	Level hold	One-shot			Stop
7910 series #	2 (128)	○	-	○	○	-	○	○	○	-	○	○	☆	-	○	○	-	16	•High quality tone •Dynamic SP Drive
7920 series	1 (64)	-	-	-	-	-	-	-	-	-	☆	-	☆	-	○	○	-	8	•Dynamic SP Drive (External)
7930 series	1 (64)	-	-	○	-	-	-	-	-	-	☆	-	☆	-	○	○	-	14	•Dynamic SP Drive
SVM7940 Series	SVM7940	8 (512)	-	○	-	-	-	-	-	-	-	○	○	○	○	○	-	16	•Multi melody type •High impedance transducer drive
	SVM7941		-	○	-	-	-	-	-	-	-	-	○	○	○	○			
	SVM7942		-	○	-	-	-	-	-	-	-	-	○	○	○	○			
	SVM7943	4 (512)	○	-	-	-	○	○	-	-	-	○	○	○	○	○			
	SVM7944		-	-	-	-	-	-	-	-	-	○	○	○	○				
	SVM7945		-	-	-	-	-	-	-	-	-	○	○	○	○				
	SVM7946		-	-	-	-	-	-	-	-	-	○	○	○	○				
SVM7947	-	-	-	-	-	-	-	-	-	○	○	○	○	○					
SVM7950 Series	SVM7950	1 (64)	-	-	○	-	-	-	-	-	-	○	○	○	○	○	-	16	•High impedance transducer drive
	SVM7951		-	-	-	-	○	○	-	-	-	○	○	○	○				
	SVM7952		-	-	-	-	○	○	-	-	-	○	○	○	○				
	SVM7953		-	-	-	-	○	○	-	-	-	○	○	○	○				
	SVM7954		-	-	-	-	○	○	-	-	-	○	○	○	○				
	SVM7955		-	-	-	-	○	○	-	-	-	○	○	○	○				
	SVM7956		-	-	-	-	○	○	-	-	-	○	○	○	○				
SVM7957	-	-	-	-	○	○	-	-	-	○	○	○	○						
SVM7960 Series	SVM7960	4 (127)	○	-	-	-	-	-	-	-	○	○	○	○	○	○	-	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7961		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7962		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7963	3 (127)	*1	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7964		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7965		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7966		-	-	-	-	-	-	-	-	○	○	○	○	○				
SVM7967	-	-	-	-	-	-	-	-	○	○	○	○	○	○					
SVM7970 Series	SVM7970	8 (640)	-	○	-	-	-	-	-	-	○	○	○	○	○	○	-	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7971		-	○	-	-	-	-	-	-	○	○	○	○	○				
	SVM7972	8 (640)	○	-	○	○	○	-	-	☆	○	○	○	○	○	○			
	SVM7973	8 (640)	○	-	○	○	○	-	-	☆	○	○	○	○	○	○			
	SVM7974	11 (640)	*2	-	-	-	-	-	-	-	○	○	○	○	○	○			
SVM7990 Series	SVM7990	8 (512)	-	○	-	-	-	-	-	-	-	○	○	○	○	○	-	16	•Multi melody type •Dynamic SP Drive
	SVM7991		-	○	-	-	-	-	-	-	-	○	○	○	○	○			
	SVM7992		-	○	-	-	-	-	-	-	-	○	○	○	○	○			
	SVM7993	4 (512)	-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7994		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7995		-	-	-	-	-	-	-	-	○	○	○	○	○				
SVM7996	-		-	-	-	-	-	-	-	○	○	○	○	○					
SVM7997	-	-	-	-	-	-	-	-	○	○	○	○	○	○					
SVM7900 Series #	SVM7900	1 (64)	-	-	-	-	-	-	-	-	○	○	○	○	○	○	-	8	•High impedance transducer drive *4 OSC. resistor is built in (Mask option)
	SVM7901		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7902		-	-	-	-	-	-	-	-	○	○	○	○	○				
	SVM7903		-	-	-	-	-	-	-	-	○	○	○	○	○				

☆Mask option      # Ongoing user service product

\*Minimum melody IC order is 100,000 pieces. Please consult S-MOS for specific availability.

(Continue)

Type No.	Maximum Number of Tunes (Number of note)	Tune Selection		Accompaniment	Preamplifier(internal)	BUSY END Signal	Dynamic SP	Transducer		External CF	Envelope		Oscillation	Tune mode			Power Supply			Package	Note
		Binary Code	Serial Trigger					Magnetic	Piezo		Digital Envelope	CF self		External Clock	Level hold	One-shot	Stop	1.5V	3V		
SVM7800 Series	SVM7800	1 (63)	-	-	-	-	-	○	○	-	-	○	-	-	-	-	○	○	-	8	*High impedance transducer drive * 5 Level hold or one shot pin selection
	SVM7801																				
	SVM7802																				
	SVM7803																				
	SVM7804																				
	SVM7805																				
	SVM7806																				
	SVM7807																				
	SVM7808																				
SVM7809																					
SVM7820 Series	SVM7820	1 (63)	-	-	-	-	-	○	○	-	-	○	-	-	-	-	○	○	-	8	*LED drive *High impedance transducer drive * 7 Level hold or one shot pin selection
	SVM7821																				
	SVM7822																				
	SVM7823																				
	SVM7824																				
	SVM7825																				
	SVM7826																				
	SVM7827																				
	SVM7828																				
SVM7829																					
SVM7860 Series	SVM7860	1 (127)	-	○	-	-	○	-	-	○	-	○	-	-	-	-	○	○	-	8	*High quality tone *Dynamic SP Drive (External)
	SVM7861																				

☆ Mask option

▷ STANDARD MELODY LIST

Code No.	Song Title	Code No.	Song Title	Code No.	Song Title
7910C	Holdilidia	☆7943Coe	Romance de amor	☆7993Coc	Mountain Musician
7910E	Two Minuets		O sole mio	7993Con	Westminster
7910G	Dark eyebrows		Die Lorelei		A maiden's prayer
	Melodia A		The cuckoos waltz		For Elise
	Melodia B		Old folk at home		Romance de amor
7910I	Home on the range	☆7943Cos	Spring		Amaryllis
	Green Sleeves		Hymne a Lamour		Symphony # 40 (Mozart)
7910K	Lullaby (two songs)		La Mer		Dark eyebrows
7910N	Musunde Hiraite		Farandolles	7993Dac	De camptown races
	Cho-cho		Yesterday		Yellow Rose of Texas-Dixie Land
*7910O	Westminster (two tunes)		L'eau Vive		Stars and Stripes forever-Anchors Aweigh
*7910P	Westminster (accompaniment)		O Tannenbaum		She wore a yellow ribbon-Twinkle twinkle little star
7910Q	Wiegenlied (Brahms)		Symphony # 40 (Mozart)		London Bridge is falling down-Mountain musician
	Rock a bye Baby	☆7943Con	Hymne a lamour		Row row row a boat-it's a small world
7910CE	Nocturne		Santa lucia	7993DAE	Home sweet home-Wiegenlied
	Minuet		Hey Jude		Ausch, The red nosed reindeer-Santa Claus is coming to town
7910T	Jingle Bells		L'eau Vive		We wish you a Merry Xmas-Frosty the snow man
7910CF	For Elise		Romance de amor		Jingle Bells-Silent Night
	A maiden's prayer		Yesterday		Joy to the world-The first Noel
7910CG	Romance de Amor		Happy birthday to you		O christmas tree-Hark the herald Angels sing
	Petrouchka		Wedding march		O Tannenbaum-Oh little town of Bethlehem
*7910CH	Westminster	7942DAN	Jingle Bells	7902CoA	X'mas song medley, Red nosed
	Ave Maria		Joy to the world		reindeer, O Tannenbaum Jingle
*7910CM	Westminster		O Tannenbaum		bells.
	Whittington		We wish you a Merry X'mas	⊗7903Cob	Happy birthday
7910CN	Holdilidia		Silent Night	★7903Coc	Wedding March
	Home on the range		The First Noel	★7903Coe	Happy birthday
7910CP	Silent lake-side		Frosty the snow man	★7903Coo	Hymne a lamour
	Mountain Musician		Rudolph the red nosed reindeer	☆7903Coh	The Alphabet Song
7910CQ	Mary's little lamb			☆7903Coi	Rock a bye Baby
	De camptown races	7950Cob		☆7903Cok	Old Macdonald Had a Farm
7910CR	Lorelei	7950Coo	Les feriles mortos	⊗7903Cos	Mountain Musician
	Landler tanz	7950Cof	Blue bell of Scotland	★7903Cov	Jingle Bells
7910CS	Amaryllis	7950Coh	Yodel	★7903Caa	Love me tender
	Symphony # 40 (Mozart)	☆7951Coc	Cantate # 147 (Bach)	★7903Caa	Love Story
7910CU	Jingle Bells	☆7951Coo	Mexican hat dance	★7903Cac	Wedding March
	Silent night	7952Coo	Cantate # 147 (Bach)	★7903CaE	Congratulations
7910CV	Joy to the world	7954Car	Green Sleeves	★7903Cah	Silent Night
	The first noel	☆7955Coi	O'sole mio	★7903Cal	Saint go'in march'in in
7910CW	O Tannenbaum	☆7955Coi	Happy birthday to you	★7903Can	Jingle bells, Red nosed reindeer,
	Frosty the snow man	☆7955Coo	Saint go'in march'in in		Joy to the world.
		☆7955Coy	Music box dancer	★7903Cap	Music box dancer
		☆7955Caf	Mountain Musician	★7903Car	Wedding march (Long version)
7920A	The cuckoos waltz	☆7955Can	Jingle Bells	★7903Cas	Let me call you my Sweet heart
7920B	Home sweet home	☆7955Cbc	Wedding March	☆7903Cba	Jingle Bells.
7920C	Jingle Bells			☆7903Cbb	Silent Night
★7920M	Wedding march	7962CoA	Green Sleeves	☆7903Cbn	Hymne a lamour
★7920Q	Victory Song		Home on the range	★7903Cbp	Mother of mine
7920AH	Wiegenlied (Brahms)		Ding Dong	☆7903Cbo	Happy birthday
			Two Minuets	☆7903Cbr	Music box dancer
7930B	Home sweet home			☆7903Cbs	Wedding March
7930C	Holdilidia	7975Cob	Landler tanz	☆7903Cbt	Jingle Bells, Red Nosed Reindeer, Joy to the world
7930D	Lorelei		Amaryllis	☆7903Cby	For Elise
★7930E	Westminster		Home on the range	7902Dcf	Christmas song medley
7930GA	Yurikago no uta		Green Sleeves	★7903Cck	Easter Paradise
7930GB	Jingle Bells		For Elise	7902Dcs	Rock A bye baby
7930GC	We wish you a merry X'mas		A maiden's prayer	★7903Cct	Santa Claus is coming to town
7930GD	Rudolph, the red-nosed Reindeer		Mountain Musician	★7903Ccv	The First Noel
7930GE	For Elise		Yodel	★7903Ccy	When you wish up on a star
			Ding Dong	★7903Dea	You light up my life
			Beep sound	★7903Deb	Wagner's Wedding March
			Westminster	7902Dec	Christmas Medley
				☆7903Deh	Congratulation
7942Cot	Holdilidia	7992CoA	X'mas song medley (8 tunes)		
	Minuet (Bach)	☆7993Coc	Green Sleeves		
	Green Sleeves		De camptown races		
	Symphony # 40 (Mozart)		For Elise		
	Home on the range		Romance de amor		
	Silent lake-side		O sole mio		
	Mountain Musician		Lorelei		
	Happy birthday to you		The cuckoos waltz		
☆7943Coe	Green Sleeves				
	De camptown races				
	For Elise				

\* Type 7910P will be used as accompaniment with type 7910O.  
 Note: 7910 Series and SVM7900 Series are ongoing user service products.

☆ One shot mode. (A type)  
 ★ One shot mode (B type)  
 ⊗ ⊗ OSC, resistor is not included on IC

## ▷ STANDARD MELODY LIST

Code No	Song Title	Code No	Song Title	Code No	Song Title
7800Dcs	Silent Night	7820Dsb	Jingle Bells Medley		
7800Dct	Rock a Bye Baby	7820Dsc	Music Box Dancer		
7800Dcv	If You Love Me	7820Dse	Jingle Bells		
7800Dcy	Brahms' Lullaby	7820Dsf	Silver Bells		
7800DEa	Love Story	7820Dsg	It's a Small World		
7800DEb	Happy Birthday to You	7820Dsh	Over The Rainbow		
7800DEc	Jingle Bells	7820Dsj	Easter Parade / Peter Cottontail		
7800DEn	Old Macdonald				
7800DEp	Twinkle Twinkle Little Star				
7800DEo	Romance D'amor				
7800DER	White Christmas				
7800DEs	Wedding March (Wagner)				
7800DET	Wedding March (Mendelssohn)				
7800DEv	You are my Sunshine				
7800DFb	O Tannenbaum / Silent Night				
7800DFc	Silver Bells				
7800DFf	Aure Lee				
7800DFg	Let me call you my sweet heart				
7800DFl	Mary Had a Little Lamb				
7800DFp	Jesus Loves Me				
7800DFt	Yesterday				
7800DFv	Music Box Dancer				
7800DFy	My Way				
7800DGA	Easter Parade / Peter Cottontail				
7800DGB	Love Me Tender / Let Me Call You My Sweet	7860Csb	Nocturne		
7800DFE	For Elise	7860Csc	Minuet		
		7860Cse	Home on the Range		
		7860Csf	Green Sleeves		
		7860Csg	The Entertainer		
		7860Csh	Lorelei		
		7860Csk	For Elise		
		7860Cec	Tableaux d'une Exposition (Promenade)		
		7860Cee	Je te Veux		
		7860Cef	The Jewels of the Madonna		
		7860Ceg	When I'm Sixty-four		
		7860Ceh	Minuet (Boccherini)		

MELODY IC DESIGN FLOW

