

ML61 Voltage Detector Cross Reference Torex, Ricoh & SII

Table 1. Torex, Ricoh & SII Detect Voltage Cross Reference Table

Detect Voltage	MiniLogic	Torex	Ricoh	SII
1.1 V	ML61x113xx	XC61Cx1102xx	Rx5Vx11xx-xx	S-80x11xx-xx-x
1.2 V	ML61x123xx	XC61Cx1202xx	Rx5Vx12xx-xx	S-80x12xx-xx-x
1.3 V	ML61x133xx	XC61Cx1302xx	Rx5Vx13xx-xx	S-80x13xx-xx-x
1.4 V	ML61x143xx	XC61Cx1402xx	Rx5Vx14xx-xx	S-80x14xx-xx-x
1.5 V	ML61x153xx	XC61Cx1502xx	Rx5Vx15xx-xx	S-80x15xx-xx-x
1.6 V	ML61x163xx	XC61Cx1602xx	Rx5Vx16xx-xx	S-80x16xx-xx-x
1.7 V	ML61x173xx	XC61Cx1702xx	Rx5Vx17xx-xx	S-80x17xx-xx-x
1.8 V	ML61x183xx	XC61Cx1802xx	Rx5Vx18xx-xx	S-80x18xx-xx-x
1.9 V	ML61x193xx	XC61Cx1902xx	Rx5Vx19xx-xx	S-80x19xx-xx-x
2.0 V	ML61x202xx	XC61Cx2002xx	Rx5Vx20xx-xx	S-80x20xx-xx-x
2.1 V	ML61x212xx	XC61Cx2102xx	Rx5Vx21xx-xx	S-80x21xx-xx-x
2.2 V	ML61x222xx	XC61Cx2202xx	Rx5Vx22xx-xx	S-80x22xx-xx-x
2.3 V	ML61x232xx	XC61Cx2302xx	Rx5Vx23xx-xx	S-80x23xx-xx-x
2.4 V	ML61x242xx	XC61Cx2402xx	Rx5Vx24xx-xx	S-80x24xx-xx-x
2.5 V	ML61x252xx	XC61Cx2502xx	Rx5Vx25xx-xx	S-80x25xx-xx-x
2.6 V	ML61x262xx	XC61Cx2602xx	Rx5Vx26xx-xx	S-80x26xx-xx-x
2.7 V	ML61x272xx	XC61Cx2702xx	Rx5Vx27xx-xx	S-80x27xx-xx-x
2.8 V	ML61x282xx	XC61Cx2802xx	Rx5Vx28xx-xx	S-80x28xx-xx-x
2.9 V	ML61x292xx	XC61Cx2902xx	Rx5Vx29xx-xx	S-80x29xx-xx-x
3.0 V	ML61x302xx	XC61Cx3002xx	Rx5Vx30xx-xx	S-80x30xx-xx-x
3.1 V	ML61x312xx	XC61Cx3102xx	Rx5Vx31xx-xx	S-80x31xx-xx-x
3.2 V	ML61x322xx	XC61Cx3202xx	Rx5Vx32xx-xx	S-80x32xx-xx-x
3.3 V	ML61x332xx	XC61Cx3302xx	Rx5Vx33xx-xx	S-80x33xx-xx-x
3.4 V	ML61x342xx	XC61Cx3402xx	Rx5Vx34xx-xx	S-80x34xx-xx-x
3.5 V	ML61x352xx	XC61Cx3502xx	Rx5Vx35xx-xx	S-80x35xx-xx-x
3.6 V	ML61x362xx	XC61Cx3602xx	Rx5Vx36xx-xx	S-80x36xx-xx-x
3.7 V	ML61x372xx	XC61Cx3702xx	Rx5Vx37xx-xx	S-80x37xx-xx-x
3.8 V	ML61x382xx	XC61Cx3802xx	Rx5Vx38xx-xx	S-80x38xx-xx-x
3.9 V	ML61x392xx	XC61Cx3902xx	Rx5Vx39xx-xx	S-80x39xx-xx-x
4.0 V	ML61x402xx	XC61Cx4002xx	Rx5Vx40xx-xx	S-80x40xx-xx-x
4.1 V	ML61x412xx	XC61Cx4102xx	Rx5Vx41xx-xx	S-80x41xx-xx-x
4.2 V	ML61x422xx	XC61Cx4202xx	Rx5Vx42xx-xx	S-80x42xx-xx-x
4.3 V	ML61x432xx	XC61Cx4302xx	Rx5Vx43xx-xx	S-80x43xx-xx-x
4.4 V	ML61x442xx	XC61Cx4402xx	Rx5Vx44xx-xx	S-80x44xx-xx-x
4.5 V	ML61x452xx	XC61Cx4502xx	Rx5Vx45xx-xx	S-80x45xx-xx-x
4.6 V	ML61x462xx	XC61Cx4602xx	Rx5Vx46xx-xx	S-80x46xx-xx-x
4.7 V	ML61x472xx	XC61Cx4702xx	Rx5Vx47xx-xx	S-80x47xx-xx-x
4.8 V	ML61x482xx	XC61Cx4802xx	Rx5Vx48xx-xx	S-80x48xx-xx-x
4.9 V	ML61x492xx	XC61Cx4902xx	Rx5Vx49xx-xx	S-80x49xx-xx-x
5.0 V	ML61x502xx	XC61Cx5002xx	Rx5Vx50xx-xx	S-80x50xx-xx-x
5.1 V	ML61x512xx	XC61Cx5102xx	Rx5Vx51xx-xx	S-80x51xx-xx-x
5.2 V	ML61x522xx	XC61Cx5202xx	Rx5Vx52xx-xx	S-80x52xx-xx-x
5.3 V	ML61x532xx	XC61Cx5302xx	Rx5Vx53xx-xx	S-80x53xx-xx-x
5.4 V	ML61x542xx	XC61Cx5402xx	Rx5Vx54xx-xx	S-80x54xx-xx-x
5.5 V	ML61x552xx	XC61Cx5502xx	Rx5Vx55xx-xx	S-80x55xx-xx-x
5.6 V	ML61x562xx	XC61Cx5602xx	Rx5Vx56xx-xx	S-80x56xx-xx-x
5.7 V	ML61x572xx	XC61Cx5702xx	Rx5Vx57xx-xx	S-80x57xx-xx-x
5.8 V	ML61x582xx	XC61Cx5802xx	Rx5Vx58xx-xx	S-80x58xx-xx-x
5.9 V	ML61x592xx	XC61Cx5902xx	Rx5Vx59xx-xx	S-80x59xx-xx-x
6.0 V	ML61x602xx	XC61Cx6002xx	Rx5Vx60xx-xx	S-80x60xx-xx-x

ML61 Voltage Detector Cross Reference Torex, Ricoh & SII

Table 2. Torex, Ricoh & SII Package Type Cross Reference Table

Output Mode	Package Type	MiniLogic	Torex	Ricoh	SII
CMOS Output	SOT-23 (Tape Right)	ML61CxxxMR	XC61CCxxxxMR	RN5VLxxCA-TR, RN5VTxxCA-TR	S-807xxSL-xx-T1, S-808xxALMP-xxx-T1
	SOT-23 (Tape Left)	ML61CxxxML	XC61CCxxxxML	RN5VLxxCA-TL, RN5VTxxCA-TL	S-807xxSL-xx-T2, S-808xxALMP-xxx-T2
	SOT-89 (Tape Right)	ML61CxxxPR	XC61CCxxxxPR	RH5VLxxCA-T1, RH5VTxxCA-T1	S-807xxAL-xx-T1, S-808xxALUP-xxx-T1
	SOT-89 (Tape Left)	ML61CxxxPL	XC61CCxxxxPL	RH5VLxxCA-T2, RH5VTxxCA-T2	S-807xxAL-xx-T2, S-808xxALUP-xxx-T2
	TO-92 (Paper Tape)	ML61CxxxTH	XC61CCxxxxTH	RE5VLxxCA-TZ, RE5VTxxCA-TZ	S-807xxAL-T, S-808xxALY-T
	TO-92 (Plastic Bag)	ML61CxxxTB	XC61CCxxxxTB	RE5VLxxCC-TZ, RE5VTxxCC-TZ	S-807xxAL-B, S-808xxALY-B
N-channel Output	SOT-23 (Tape Right)	ML61NxxxMR	XC61CNxxxxMR	RN5VLxxAA-TR, RN5VTxxAA-TR	S-807xxSN-xx-T1, S-808xxANMP-xxx-T1
	SOT-23 (Tape Left)	ML61NxxxML	XC61CNxxxxML	RN5VLxxAA-TL, RN5VTxxAA-TL	S-807xxSN-xx-T2, S-808xxANMP-xxx-T2
	SOT-89 (Tape Right)	ML61NxxxPR	XC61CNxxxxPR	RH5VLxxAA-T1, RH5VTxxAA-T1	S-807xxAN-xx-T1, S-808xxANUP-xxx-T1
	SOT-89 (Tape Left)	ML61NxxxPL	XC61CNxxxxPL	RH5VLxxAA-T2, RH5VTxxAA-T2	S-807xxAN-xx-T2, S-808xxANUP-xxx-T2
	TO-92 (Paper Tape)	ML61NxxxTH	XC61CNxxxxTH	RE5VLxxAA-TZ, RE5VTxxAA-TZ	S-807xxAN-T, S-808xxANY-T
	TO-92 (Plastic Bag)	ML61NxxxTB	XC61CNxxxxTB	RE5VLxxAC-TZ, RE5VTxxAC-TZ	S-807xxAN-B, S-808xxANY-B

Example :

Description	MiniLogic	Torex	Ricoh	SII
3.0V N-channel Voltage Detector, SOT23 package	ML61N302MR	XC61CN3002MR	RN5VL30AA-TR, RN5VT30AA-TR	S-80730SN-DT-T1, S-80830ANMP-EDT-T1

ML61 to Fairchild Voltage Detector Cross Reference

ILC5061 Cross Reference

Table 3. ILC5061, N-Channel Output, Detect Voltage Cross Reference Table

Detect Voltage N-Channel, SOT23	Fairchild				MiniLogic
	1%, SOT-23	2%, SOT23	1%, SC70	2%, SC70	2%, SOT-23
2.3 V	ILC5061AM23X	ILC5061M23X	ILC5061AIC23X	ILC5061IC23X	ML61N232MR
2.5 V	ILC5061AM25X	ILC5061M25X	ILC5061AIC25X	ILC5061IC25X	ML61N252MR
2.6 V	ILC5061AM26X	ILC5061M26X	ILC5061AIC26X	ILC5061IC26X	ML61N262MR
2.7 V	ILC5061AM27X	ILC5061M27X	ILC5061AIC27X	ILC5061IC27X	ML61N272MR
2.8 V	ILC5061AM28X	ILC5061M28X	ILC5061AIC28X	ILC5061IC28X	ML61N282MR
2.9 V	ILC5061AM29X	ILC5061M29X	ILC5061AIC29X	ILC5061IC29X	ML61N292MR
3.1 V	ILC5061AM31X	ILC5061M31X	ILC5061AIC31X	ILC5061IC31X	ML61N312MR
3.2 V	ILC5061AM32X	ILC5061M32X	ILC5061AIC32X	ILC5061IC32X	ML61N322MR
3.4 V	ILC5061AM34X	ILC5061M34X	ILC5061AIC34X	ILC5061IC34X	ML61N342MR
3.7 V	ILC5061AM37X	ILC5061M37X	ILC5061AIC37X	ILC5061IC37X	ML61N372MR
4.4 V	ILC5061AM44X	ILC5061M44X	ILC5061AIC44X	ILC5061IC44X	ML61N442MR
4.6 V	ILC5061AM46X	ILC5061M46X	ILC5061AIC46X	ILC5061IC46X	ML61N462MR

Note : SOT23 and SC70 package footprint is same.

ILC5062 Cross Reference

Table 4. ILC5062, CMOS Output, Detect Voltage Cross Reference Table

Detect Voltage CMOS, SOT23	Fairchild				MiniLogic
	1%, SOT-23	2%, SOT23	1%, SC70	2%, SC70	2%, SOT-23
2.3 V	ILC5062AM23X	ILC5062M23X	ILC5062AIC23X	ILC5062IC23X	ML61C232MR
2.4 V	ILC5062AM24X	ILC5062M24X	ILC5062AIC24X	ILC5062IC24X	ML61C242MR
2.5 V	ILC5062AM25X	ILC5062M25X	ILC5062AIC25X	ILC5062IC25X	ML61C252MR
2.6 V	ILC5062AM26X	ILC5062M26X	ILC5062AIC26X	ILC5062IC26X	ML61C262MR
2.7 V	ILC5062AM27X	ILC5062M27X	ILC5062AIC27X	ILC5062IC27X	ML61C272MR
2.8 V	ILC5062AM28X	ILC5062M28X	ILC5062AIC28X	ILC5062IC28X	ML61C282MR
2.9 V	ILC5062AM29X	ILC5062M29X	ILC5062AIC29X	ILC5062IC29X	ML61C292MR
3.0 V	ILC5062AM30X	ILC5062M30X	ILC5062AIC30X	ILC5062IC30X	ML61C232MR
3.1 V	ILC5062AM31X	ILC5062M31X	ILC5062AIC31X	ILC5062IC31X	ML61C312MR
3.7 V	ILC5062AM37X	ILC5062M37X	ILC5062AIC37X	ILC5062IC37X	ML61C372MR
4.4 V	ILC5062AM44X	ILC5062M44X	ILC5062AIC44X	ILC5062IC44X	ML61C442MR
4.6 V	ILC5062AM46X	ILC5062M46X	ILC5062AIC46X	ILC5062IC46X	ML61C462MR

Note : SOT23 and SC70 package footprint is same.

ML61 to ELM Voltage Detector Cross Reference

ELM97 Cross Reference

Table 5. ELM97 Detect Voltage Cross Reference Table

Description	ELM	MiniLogic
1.1 V N-ch Voltage Detector (SOT23)	ELM9711NBx-S	ML61N113MR
2.2 V CMOS Voltage Detector (SOT89)	ELM9722CAx-S	ML61C222PR
2.4 V CMOS Voltage Detector (SOT89)	ELM9724CAx-S	ML61C242PR
2.5 V CMOS Voltage Detector (SOT89)	ELM9725CAx-S	ML61C252PR
2.7 V CMOS Voltage Detector (SOT89)	ELM9727CAx-S	ML61C272PR
3.0 V CMOS Voltage Detector (SOT89)	ELM9730CAx-S	ML61C302PR
3.2 V CMOS Voltage Detector (SOT89)	ELM9732CAx-S	ML61C322PR
3.4 V CMOS Voltage Detector (SOT89)	ELM9734CAx-S	ML61C342PR
4.5 V CMOS Voltage Detector (SOT89)	ELM9745CAx-S	ML61C452PR
4.8 V CMOS Voltage Detector (SOT89)	ELM9748CAx-S	ML61C482PR

ELM75 Cross Reference

Table 6. ELM75 Detect Voltage Cross Reference Table

Description	ELM	MiniLogic
2.2 V N-ch Voltage Detector (SOT89)	ELM7522NAx-S	ML61N222PR
2.2 V N-ch Voltage Detector (SOT23)	ELM7522NBx-S	ML61N222MR
2.2 V CMOS Voltage Detector (SOT89)	ELM7522CAx-S	ML61C222PR
2.2 V CMOS Voltage Detector (SOT23)	ELM7522CBx-S	ML61C222MR
2.4 V N-ch Voltage Detector (SOT89)	ELM7524NAx-S	ML61N242PR
2.4 V N-ch Voltage Detector (SOT23)	ELM7524NBx-S	ML61N242MR
2.4 V CMOS Voltage Detector (SOT89)	ELM7524CAx-S	ML61C242PR
2.4 V CMOS Voltage Detector (SOT23)	ELM7524CBx-S	ML61C242MR
2.7 V N-ch Voltage Detector (SOT89)	ELM7527NAx-S	ML61N272PR
2.7 V N-ch Voltage Detector (SOT23)	ELM7527NBx-S	ML61N272MR
2.7 V CMOS Voltage Detector (SOT89)	ELM7527CAx-S	ML61C272PR
2.7 V CMOS Voltage Detector (SOT23)	ELM7527CBx-S	ML61C272MR
3.0 V N-ch Voltage Detector (SOT89)	ELM7530NAx-S	ML61N302PR
3.0 V N-ch Voltage Detector (SOT23)	ELM7530NBx-S	ML61N302MR
3.0V CMOS Voltage Detector (SOT89)	ELM7530CAx-S	ML61C302PR
3.0 V CMOS Voltage Detector (SOT23)	ELM7530CBx-S	ML61C302MR
3.5 V N-ch Voltage Detector (SOT89)	ELM7535NAx-S	ML61N352PR
3.5 V N-ch Voltage Detector (SOT23)	ELM7535NBx-S	ML61N352MR
3.5V CMOS Voltage Detector (SOT89)	ELM7535CAx-S	ML61C352PR
3.5 V CMOS Voltage Detector (SOT23)	ELM7535CBx-S	ML61C352MR
4.0 V N-ch Voltage Detector (SOT89)	ELM7540NAx-S	ML61N402PR
4.0 V N-ch Voltage Detector (SOT23)	ELM7540NBx-S	ML61N402MR
4.0V CMOS Voltage Detector (SOT89)	ELM7540CAx-S	ML61C402PR
4.0 V CMOS Voltage Detector (SOT23)	ELM7540CBx-S	ML61C402MR

ML61 to Microchip Voltage Detector Cross Reference

MCP111 Cross Reference

Table 7. MCP111, N-channel Output, Detect Voltage Cross Reference Table

Package	Detect Voltage	Microchip	MiniLogic
SOT-23, Tape & Reel	1.9 V	MCP111T-195I/TT	ML61N193MR
	2.3 V	MCP111T-240E/TT	ML61N232MR
	2.6 V	MCP111T-270E/TT	ML61N262MR
	2.9 V	MCP111T-290E/TT	ML61N292MR
	3.1 V	MCP111T-315E/TT	ML61N312MR
	4.4 V	MCP111T-450E/TT	ML61N442MR
	4.6 V	MCP111T-475E/TT	ML61N462MR
SC-70, Tape & Reel	1.9 V	MCP111T-195I/LB	ML61N193MR
	2.3 V	MCP111T-240E/LB	ML61N232MR
	2.6 V	MCP111T-270E/LB	ML61N262MR
	2.9 V	MCP111T-290E/LB	ML61N292MR
	3.1 V	MCP111T-315E/LB	ML61N312MR
	4.4 V	MCP111T-450E/LB	ML61N442MR
	4.6 V	MCP111T-475E/LB	ML61N462MR
SOT-89, Tape & Reel	1.9 V	MCP111T-195I/MB	ML61N193PR
	2.3 V	MCP111T-240E/MB	ML61N232PR
	2.6 V	MCP111T-270E/MB	ML61N262PR
	2.9 V	MCP111T-290E/MB	ML61N292PR
	3.1 V	MCP111T-315E/MB	ML61N312PR
	4.4 V	MCP111T-450E/MB	ML61N442PR
	4.6 V	MCP111T-475E/MB	ML61N462PR
TO-92, Bag	1.9 V	MCP111-195I/TO	ML61N193TB
	2.3 V	MCP111-240E/TO	ML61N232TB
	2.6 V	MCP111-270E/TO	ML61N262TB
	2.9 V	MCP111-290E/TO	ML61N292TB
	3.1 V	MCP111-315E/TO	ML61N312TB
	4.4 V	MCP111-450E/TO	ML61N442TB
	4.6 V	MCP111-475E/TO	ML61N462TB

Note : SOT23 and SC70 package footprint is same.

ML61 to Microchip Voltage Detector Cross Reference

MCP112 Cross Reference

Table 8 MCP112, CMOS Output, Detect Voltage Cross Reference Table

Package	Detect Voltage	Microchip	MiniLogic
SOT-23, Tape & Reel	1.9 V	MCP112T-195I/TT	ML61C193MR
	2.3 V	MCP112T-240E/TT	ML61C232MR
	2.6 V	MCP112T-270E/TT	ML61C262MR
	2.9 V	MCP112T-290E/TT	ML61C292MR
	3.1 V	MCP112T-315E/TT	ML61C312MR
	4.4 V	MCP112T-450E/TT	ML61C442MR
	4.6 V	MCP112T-475E/TT	ML61C462MR
SC-70, Tape & Reel	1.9 V	MCP112T-195I/LB	ML61C193MR
	2.3 V	MCP112T-240E/LB	ML61C232MR
	2.6 V	MCP112T-270E/LB	ML61C262MR
	2.9 V	MCP112T-290E/LB	ML61C292MR
	3.1 V	MCP112T-315E/LB	ML61C312MR
	4.4 V	MCP112T-450E/LB	ML61C442MR
	4.6 V	MCP112T-475E/LB	ML61C462MR
SOT-89, Tape & Reel	1.9 V	MCP112T-195I/MB	ML61C193PR
	2.3 V	MCP112T-240E/MB	ML61C232PR
	2.6 V	MCP112T-270E/MB	ML61C262PR
	2.9 V	MCP112T-290E/MB	ML61C292PR
	3.1 V	MCP112T-315E/MB	ML61C312PR
	4.4 V	MCP112T-450E/MB	ML61C442PR
	4.6 V	MCP112T-475E/MB	ML61C462PR
TO-92, Bag	1.9 V	MCP112-195I/TO	ML61C193TB
	2.3 V	MCP112-240E/TO	ML61C232TB
	2.6 V	MCP112-270E/TO	ML61C262TB
	2.9 V	MCP112-290E/TO	ML61C292TB
	3.1 V	MCP112-315E/TO	ML61C312TB
	4.4 V	MCP112-450E/TO	ML61C442TB
	4.6 V	MCP112-475E/TO	ML61C462TB

Note : SOT23 and SC70 package footprint is same.

ML61 to AME Voltage Detector Cross Reference

AME8550 Cross Reference

Table 9. AME8550 Detect Voltage Cross Reference Table

Package	Detect Voltage	AME	MiniLogic
SOT-23, N-Channel Output	2.1V	AME8550AEETB210x	ML61N212MR
	2.4V	AME8550AEETB240x	ML61N242MR
	2.5V	AME8550AEETB250x	ML61N252MR
	2.7V	AME8550AEETB270x	ML61N272MR
	2.8V	AME8550AEETB280x	ML61N282MR
	3.4V	AME8550AEETB340x	ML61N342MR
	4.4V	AME8550AEETB440x	ML61N442MR
SOT-89, N-Channel Output	2.1V	AME8550AEFTB210x	ML61N212PR
	2.4V	AME8550AEFTB240x	ML61N242PR
	2.5V	AME8550AEFTB250x	ML61N252PR
	2.7V	AME8550AEFTB270x	ML61N272PR
	2.8V	AME8550AEFTB280x	ML61N282PR
	3.4V	AME8550AEFTB340x	ML61N342PR
	4.4V	AME8550AEFTB440x	ML61N442PR
SOT-23, CMOS Output	2.2V	AME8550AEETA220x	ML61C222MR
	2.7V	AME8550AEETA270x	ML61C272MR
	3.0V	AME8550AEETA300x	ML61C302MR
SOT-89, CMOS Output	2.2V	AME8550AEFTA220x	ML61C222PR
	2.7V	AME8550AEFTA270x	ML61C272PR
	3.0V	AME8550AEFTA300x	ML61C302PR

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