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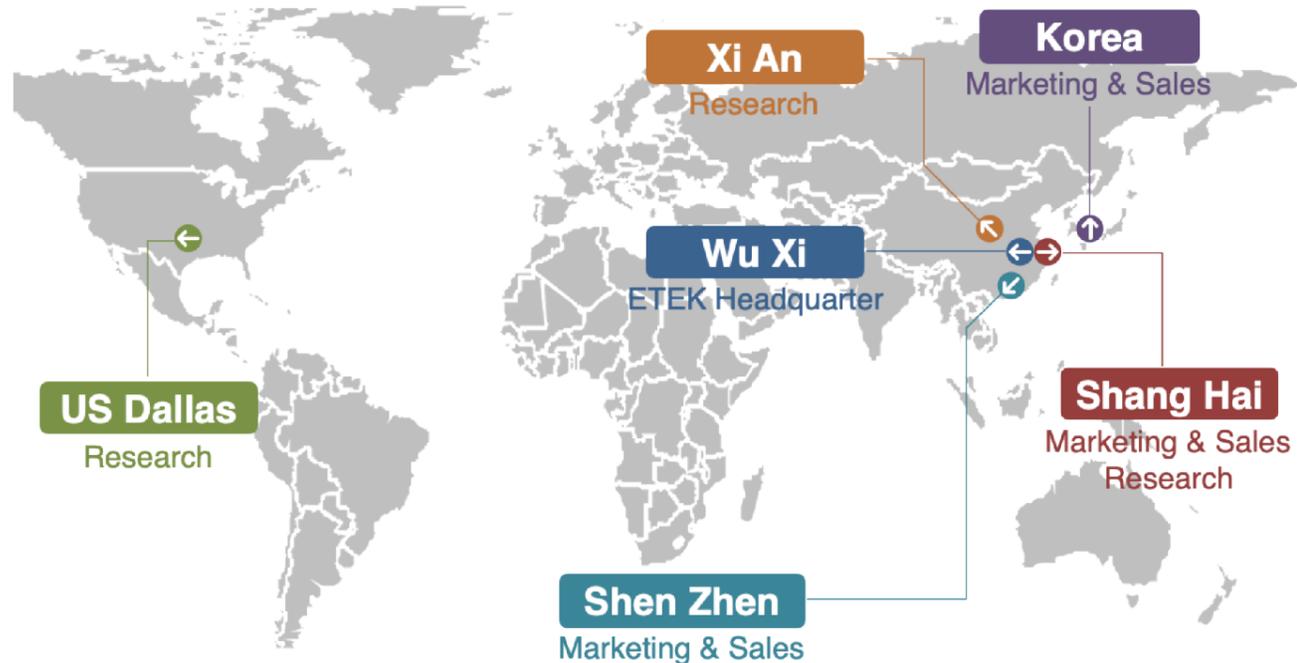
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PRODUCT CATALOG

2025-10

COMPANY PROFILE



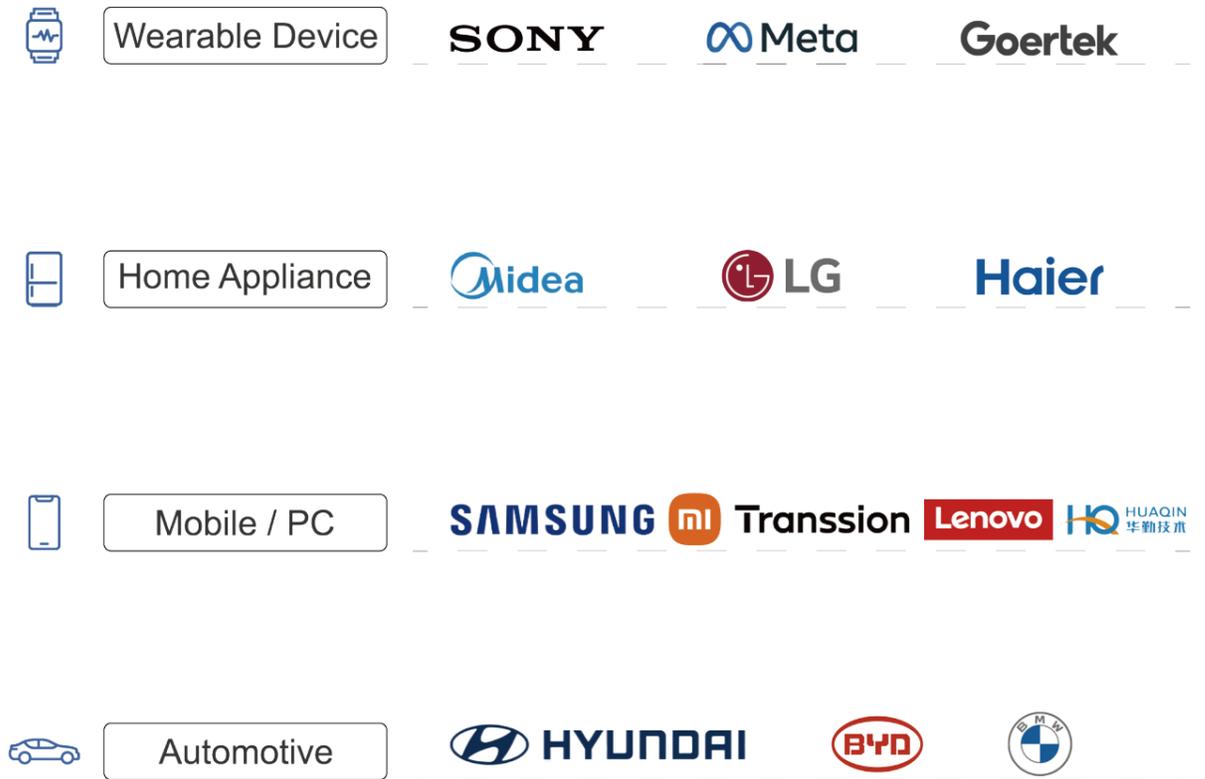
Establish | **May 2002**

Intro | ETEK design analog IC, focusing on high-performance & quality power management IC and solutions. Launched signal chain and driver IC

Pros |
 Customize mode
 —Create Value for both Customer and ETEK
 Catalog mode
 —Best DIN&FAE Service with fast response

Vision | **Empower the World**

Application & Customer Universe



Environment & Quality Assurance



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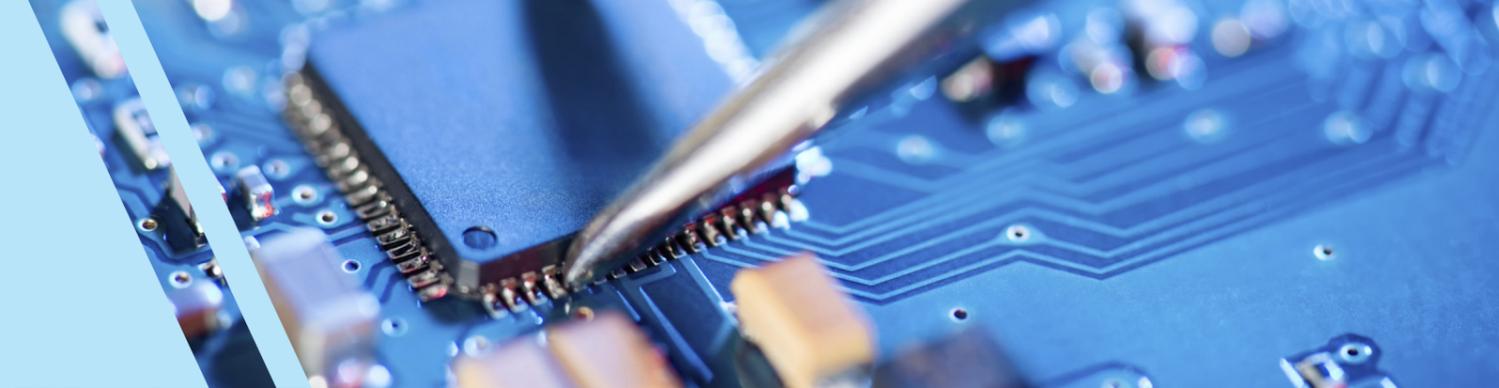
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POWER MANAGEMENT

LDO Linear Regulators



Low V_{IN} LDO (Special voltage can be contacted for consultation)

Part No.	Features	V_{IN} (V)	V_{OUT} (V)	I_{OUT} (mA)	Dropout Voltage@ I_{OUT} (mV)	I_Q (μ A)	PSRR@1kHz (dB)	Noise (μ V _{RMS})	Package
ET631XX	150mA Ultra-Low I_Q Enable Input	2.2~5.5	1.2/1.5/1.8/2.5/2.8/3.0/3.3	150	170@2.8V	0.6	55	70	DFN4 (1.0×1.0)
☆ET633XX	300mA Ultra-Low I_Q Enable Input	2.2~5.5	1.8/2.8/3.0/3.3	300	350@2.8V	0.6	55	70	DFN4 (1.0×1.0)
ET635XX	300mA Ultra-Low I_Q Enable Input	2.0~5.5	1.2/1.8/2.8/3.3	300	370@3.3V	0.2	60	70	DFN4 (1.0×1.0) SOT23-5
ET515XXYB	300mA Low I_Q High PSRR Low Noise	1.9~6.0	1.05/1.1/1.2/1.5/1.8 2.2/2.5/2.8/2.9/3.0/3.3	300	250@2.8V	42	75	70	DFN4 (1.0×1.0)
☆ET516XX	300mA Low I_Q High PSRR Low Noise	1.9~5.5	0.8/1.0/1.1/1.2/1.5/1.8 2.4/2.5/2.8/2.85/2.9/3.0/3.3	300	190@2.8V	45	75	60	SOT23-5
<u>ET516XXBAM</u>	300mA Low I_Q High PSRR Low Noise	1.9~5.5	1.8/2.8/3.3	300	190@2.8V	45	75	60	SOT23-5
^ET519XX	300mA Capacitor-Free Low Drop	1.4~5.5	1.2/1.8/3.0	300	180@1.8V	45	60	240	SOT23-5
ET523XX	300mA Low I_Q High PSRR Low Noise	1.7~5.5	1.2/1.5/1.8/2.5/2.8/3.0/3.3	300	265@2.8V	50	75	70	DFN4 (1.0×1.0) SOT23-5
ET528XXYB	300mA Low I_Q High PSRR Low Noise	1.7~5.5	1.2/1.8/2.8/3.0/3.3	300	340@3.3V	45	76	35	DFN4 (1.0×1.0)
☆ET536XXYB	300mA Low I_Q Very High PSRR Very Low Noise	1.6~5.5	1.05/1.1/1.2/1.8/2.2 2.8/2.85/3.0/3.1/3.3	300	160@2.8V	45	78	20	DFN4 (1.0×1.0)
☆ET531XX	300mA Low I_Q Ultra High PSRR Ultra Low Noise	1.9~5.5	1.2/1.5/1.6/1.7/1.8/2.2/2.5 2.8/2.85/2.9/2.95/3.0/3.1/3.3	300	135@2.8V	15	80	10	DFN4 (1.0×1.0)
☆ET538XX	400mA Low I_Q Ultra High PSRR Ultra Low Noise	2.2~5.5	1.8/2.2/2.8/3.0/3.3	400	180@2.8V	20	100	9	DFN4 (1.0×1.0)
ET552XXY1B	500mA Low Drop Enable Input	1.2~5.0	0.6/0.85/0.9/1.1/1.8	500	430@1.1V	55	80	40	DFN4 (1.0×1.0)
ET553ADJ	500mA Low Drop ADJ Output	1.9~5.5	ADJ/1.0~3.6	500	350@1.8V	50	80	20× V_{OUT}	SOT23-5/SOT89-5 DFN4 (1.2×1.2) DFN6 (2.0×2.0)
☆ET553XX	500mA Low Drop Fixed Output	1.9~5.5	1.8/2.8/3.0/3.3	500	350@1.8V	50	80	20× V_{OUT}	SOT23-5

Low V_{IN} LDO (Special voltage can be contacted for consultation)

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	I _{OUT} (mA)	Dropout Voltage@I _{OUT} (mV)	I _Q (μA)	PSRR@1kHz (dB)	Noise (μV _{RMS})	Package
ETQ553ADJYB	500mA Low Drop ADJ Output	1.9~5.5	ADJ/1.0~3.6	500	350@1.8V	50	80	20×V _{OUT}	DFN4 (1.2×1.2)
☆ET559XX	500mA Low I _Q High PSRR Low Noise	1.9~6.5	3.6/5.0	500	330@3.6V	42	92	45	DFN4 (1.0×1.0) SOT23-5
^ET5A0ADJAY2B	1A Low Drop ADJ Output	1.8~5.5	ADJ/0.55~4.3	1000	155@1.8V	110	70	30×V _{OUT}	DFN6 (2.0×2.0)
☆ET5A0XX	1A Low Drop ADJ/Fixed Output	1.8~5.5	1.1/1.2/1.75/1.8 2.5/2.8/3.0/3.3/ADJ	1000	100@3.3V	110	70	50×V _{OUT}	DFN8 (1.2×1.6) SOT23-5/DFN6 (2.0×2.0)
ET5A8XX	1A Low Drop ADJ Output	1.9~5.5	3.0	1000	260@3.0V	25	80	13	DFN6 (2.0×2.0)

LDO PMIC

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	I _{OUT} (mA)	Dropout Voltage@I _{OUT} (mV)	I _Q (μA)	PSRR@1kHz (dB)	Noise (μV _{RMS})	Package
ET515DXXYB	Dual 150mA LDO	1.6~5.5	1.2/1.8/2.8/3.3	150	100@3.3V	40/CH	75	100	DFN6 (1.2×1.2)
ET5904	4-Channel I ² C Control	0.6~2.0/3.0~5.5	0.6~1.8/1.2~4.3	800/300	105@1.2V/90@2.8V	85	65/92	50/8	DFN10 (2.0×2.0)
☆ET5904A	4-Channel I ² C Control	1.0~2.2/2.5~5.5	0.6~1.8/1.2~4.3	1500/1200/400	150@1.2V/160@1.2V/120@2.8V	85	80/90	50/8	DFN10 (2.0×2.0)
ET5907	7-Channel I ² C Control	1.0~2.0/1.9~5.5	0.8~1.8/1.5~3.75	1000/400	100@1.05V/150@1.8V	150	80/92	30/10	WLCSP20 (0.35 Pitch)
☆ET5917	7-Channel I ² C Control	0.6~2.0/1.8~5.5	0.496~1.8/1.38~3.412	1500/600	100@1.2V/170@1.8V	120	80/90	30/10	WLCSP20 (0.35 Pitch)
☆ET59171	7-Channel with Independent EN and Output Quik Change I ² C Control	0.6~2.0/1.8~5.5	0.496~1.8/1.38~3.412	1500/600	100@1.2V/170@1.8V	120	80/90	30/10	WLCSP20 (0.35 Pitch)
ET598S6	4-Channel BUCK 2-Channel LDO PMIC	BUCK: 3.1~20 LDO: 2.5~6	1.8/0.6~5.0	BUCK: 3000 LDO: 800/1000	—	400	—	—	QFN28L (4.0×4.0)

LDO with Bias Power

Part No.	Features	V _{BIAS} (V)	V _{IN} (V)	V _{OUT} (V)	I _{OUT} (mA)	Dropout Voltage@I _{OUT} (mV)	I _Q (μA)	PSRR@1kHz (dB)	Noise (μV _{RMS})	Package
ET551XXYB	800mA Dual-Rail Very Low Dropout	2.4~5.5	0.8~5.5	1.05/1.1/1.2	800	200@1.1V	80	80	50×V _{OUT}	DFN4 (1.2×1.2)
☆ET551ADJY1B	800mA Dual-Rail Very Low Dropout	2.7~5.5	0.8~5.5	ADJ/0.8~3.6	800	240@1.2V	80	80	50×V _{OUT}	DFN6 (1.2×1.2)
☆ET554ADJY1B	800mA Dual-Rail Very Low Dropout	2.7~5.5	1.0~5.5	ADJ/1.0~3.6	800	220@1.2V	80	80	45×V _{OUT}	DFN6 (1.2×1.2)
ET557ADJY1B	800mA Dual-Rail Very Low Dropout	2.7~5.5	0.8~5.5	ADJ/0.8~3.6	800	220@1.2V	80	80	45×V _{OUT}	DFN6 (1.2×1.2)
ET5A2ADJZB	1000mA Dual-Rail Very Low Dropout	3.0~5.5	0.5~5.5	ADJ/0.5~3.0	1000	40@1.05V	35	75	30×V _{OUT}	WLCSP6 (0.4 Pitch)
ET5A3ADJZB	1000mA Dual-Rail Very Low Dropout	3.0~5.5	0.5~5.5	ADJ/0.5~3.0	1000	40@1.05V	100	75	30×V _{OUT}	WLCSP6 (0.4 Pitch)
ET5A4ADJZB	1500mA Dual-Rail Very Low Dropout	2.7~5.5	0.5~V _{BIAS}	ADJ/0.5~3.0	1500	80@1.0V	60	70	30×V _{OUT}	WLCSP6 (0.4 Pitch)
☆ET5A5ADJZB	1500mA Dual-Rail Very Low Dropout	2.7~5.5	0.5~V _{BIAS}	ADJ/0.5~3.0	1500	120@1.0V	60	75	60×V _{OUT}	WLCSP6 (0.4 Pitch)
ET5B001YB	2000mA Low Noise(6μV) With PG SS	3.0~5.5	1.1~5.5	ADJ/0.8~5.0	2000	125@0.8V	2300	40@1MHz	6.0	QFN20 (5.0×5.0)
☆ET5C001YB	3000mA Low Noise(6μV) With PG SS	3.0~5.5	1.1~5.5	ADJ/0.8~5.0	3000	130@0.8V	2300	40@1MHz	6.0	QFN20 (5.0×5.0)
ET5C001Y1	3000mA Low Noise(6μV) With PG SS	3.0~6.5	1.1~6.5	ADJ/0.8~5.0	3000	100@1.0V	3000	80	3.9	DFN20 (3.5×3.5)
ET5D001YB	4000mA Low Noise(6μV), With PG SS	3.0~5.5	1.1~5.5	ADJ/0.8~5.0	4000	170@0.8V	2300	40@1MHz	6.0	QFN20 (5.0×5.0)
ET5C108	3000mA Very Low Dropout With PG SS	2.2~5.5	0.8~5.5	ADJ/0.8~3.6	3000	95@1.0V	1300	75	18×V _{OUT}	DFN10 (3.0×3.0)
ET5C208M	3000mA Very Low Dropout With PG	2.2~5.5	0.8~5.5	ADJ/0.8~3.6	3000	135@1.0V	1300	80	30×V _{OUT}	ESOP8
ET51200	Sink and Source DDR Termination Regulator	2.375~5.5	1.1~3.5	ADJ	2000	–	600	–	–	DFN10 (3.0×3.0)

High V_{IN} LDO (Special voltage can be contacted for consultation)

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	I _{OUT} (mA)	Dropout Voltage@I _{OUT} (mV)	I _Q (μA)	PSRR@1kHz (dB)	Noise (μV _{RMS})	Package
☆ET65H11XX	High Input Low I _Q 500mA LDO	1.8~12	1.8/2.5/2.8/3.0 3.3/3.6/4.0/5.0	500	730@3.3V	1	80	90	SOT89-3/SOT23-5/SOT23-3
ET52HS11YB	High Input Ultra Low Noise 200mA LDO	2.2~12	ADJ/1.2~11	200	230@3.3V	300	95	3	DFN4 (1.0×1.0)
ET1117	1A Bipolar Liner Regulator	Max 15	ADJ/1.8/3.3/5.0	1000	1300@3.3V	2mA	65	–	SOT223
ET7H2XX	16V Input 200mA LDO	2.5~16	1.2/1.8	200	680@1.8V	30	53	90×V _{OUT}	SOT23-5/DFN4 (1.0×1.0)
☆ET7H1XX	16V Input Low I _Q 300mA LDO	2.5~16	3.0/3.3/3.6/5.0	300	700@3.0V	1	45	80×V _{OUT}	SOT89-3/SOT23-3 DFN4 (1.0×1.0)
ET5H4XX	High Input Low I _Q 500mA LDO	3.0~16	3.0/3.3/3.6/5.0	500	750@5.0V	1	60	120	SOT89-3/SOT23-5
ET6H1XX	High Input Low I _Q 150mA LDO	3.0~18	1.8/2.5/3.0/3.3/5.0	150	800@3.3V	2.5	55	120	SOT23-3/SOT23-5 SOT89-3/DFN4 (1.0×1.0)
ET52HS27Y	High Input Ultra Low Noise 200mA LDO	2.4~20	0.5~16	200	350@3.3V	2000	120	1.6	DFN10/MSOP10
ET55HS24	High Input Ultra Low Noise 200mA LDO	2.5~20	3.3/5.0	500	700@3.3v	50	95	10	DFN6 (2.0×2.0)/SOT23-5
ET5HAXX	20V 1A High Speed LDO	2.7~20	3.3/5.0	1000	480@3.3V	160	80	30×V _{OUT}	SOT89-3/ESOP8
ET5HAADJ	20V 1A High Speed LDO Output ADJ	2.7~20	ADJ/0.8~5.5	1000	480@3.3V	160	80	30×V _{OUT}	ESOP8/DFN6 (2.0×2.0)
ET52H24ADJ	High Input Ultra Low Noise 200mA LDO	2.7~24	1.2/1.5/1.8/2.5 2.8/3.0/3.3/5.0	200	160@3.3V	66	90	8	SOT23-5/SOT23-6
ET5H6ADJ	High Input Ultra-high PSRR 300mA LDO	2.5~24	ADJ/1.0~5.0	300	600@3.3V	50	90	70	SOT23-5/DFN6 (2.0×2.0)
^ET5HL1XX	High Input Low I _Q 200mA LDO	3.0~30	1.8/2.5/2.8/3.0 3.3/3.6/4.0/4.2/5.0	200	1400@3.3V	3	66	35×V _{OUT}	SOT23-3/SOT89-3/SOT23-5
ET78L05P	High Input 150mA LDO	7.0~30	5.0	150	2000@5.0V/100mA	1700	70	40×V _{OUT}	SOT89-3
ET78M05TC	High Input 800mA LDO	7.0~30	5.0	800	1500@5.0V/100mA	2000	55	50×V _{OUT}	TO252

High V_{IN} LDO (Special voltage can be contacted for consultation)

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	I _{OUT} (mA)	Dropout Voltage@I _{OUT} (mV)	I _Q (μA)	PSRR@1kHz (dB)	Noise (μV _{RMS})	Package
ET7805TC	High Input 1200mA LDO	7.0~30	5.0	1200	2000@5.0V/100mA	1700	70	60×V _{OUT}	TO252
☆ET5H1XX	High Input Low I _Q 150mA LDO	3.0~30	1.8/2.5/3.0/3.3/3.6/5.0	150	840@3.0V	1.5	50	90	SOT89-3/SOT23-3 SOT23-5/DFN4 (1.0×1.0)
<u>ETQ61H41ADJ</u>	High Input Low I _Q 150mA LDO	3.0~40	ADJ/1.8~15	150	220@5.0V	5	70	45×V _{OUT}	DFN6 (2.0×2.0)/DFN8 (3.0×3.0)
<u>ETQ6H333Y</u>	High Input Low I _Q 200mA LDO	3.0~36	3.3	200	600@3.3V	3	80	125	DFN8 (3.0×3.0)
☆ET5H2XX	High Input Low I _Q 300mA LDO	2.5~36	1.8/2.5/3.0/3.3/3.6/5.0	300	1050@3.0V	2.5	60	100	SOT89-3/SOT89-5/SOT23-3/ SOT23-5/DFN4 (1.0×1.0)/ DFN4 (1.2×1.6)/ESOP8
☆ET5H5XX	High Input Low I _Q 300mA LDO	3.0~40	3.3/4.0/5.0/5.3 6.0/7.0/8.0/9.0/12	300	1000@3.0V	2.8	52	30×V _{OUT}	SOT89-3/DFN4 (1.0×1.0) SOT23-3/SOT23-5
ET63HS42M	High Input Low I _Q 300mA LDO	3.0~40	ADJ/3.3/5.0	300	500@3.3V	7	105	30	ESOP8
<u>ETQ65H43XX</u>	High Input Low I _Q 500mA LDO	3.0~40	3.3/5.0	500	620@5.0V	12	70	25×V _{OUT}	ESOP8
<u>ETQ65H43ADJ</u>	High Input Low I _Q 500mA LDO	3.0~40	ADJ/1.8~20	500	620@5.0V	12	70	25×V _{OUT}	ESOP8
ET68H41ADJ	High Input Low I _Q 800mA LDO	3.0~40	ADJ/1.8/3.0/3.3/5.0	800	1160@3.3V	5	62	300	ESOP8
ET61H61XX	High Input Low I _Q 150mA LDO	5.0~60	3.0/3.3/3.6/5.0/12	150	1300@3.3V	2.1	70	360	SOT23-3/SOT89-3 SOT23-5/TO252-3
ET5H7XX	High Input Low I _Q 300mA LDO	2.8~60	3.3/5.0/12	300	1350@3.3V	3	50	30×V _{OUT}	SOT89-3/SOT23-3 SOT23-5/ESOP8
ET61HA1XX	High Input Low I _Q 100mA LDO	4.0~100	3.3/5.0	100	830@5.0V	4.5	68	430	SOT89-3

POWER MANAGEMENT

DC/DC Switching Regulators

Buck DC/DC

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	Max I _{OUT} (A)	Frequency (MHz)	I _Q (μA)	I _{NSDN} (μA)	Efficiency Max (%)	Package
ET8121	4.5V~17V Input 2A Sync ACOT	4.5~17	ADJ/0.76~7.0	2	0.58	420	1.6	95	SOT23-6
ET8123	4.5V~17V Input 2A Sync ACOT	4.5~17	ADJ/0.76~7.0	2	0.58	220	1.6	95	SOT-563
ET8131	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.76~7.0	3	0.58	420	1.6	95	SOT23-6
<u>ET8131AM</u>	4.5V~17V Input 3A Sync, ACOT	4.5~17	ADJ/0.76~7.0	3	0.58	420	1.6	95	SOT23-6
ET8131C	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.76~7.0	3	0.58	420	1.6	95	SOT-563
<u>ET8131CAM</u>	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.76~7.0	3	0.58	420	1.6	95	SOT-563
☆ET81311	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.76~7.0	3	0.58	220	1.6	95	SOT23-6
☆ET81313	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.60~7.0	3	1.2	200	1.6	95	SOT-563
ET8132	4.5V~17V Input 3A Sync ACOT	4.5~17	ADJ/0.76~7.0	3	1	300	1.6	95	SOT23-6
ET8141	4.5V~17V Input 4A Sync ACOT	4.5~17	ADJ/0.76~7.0	4	0.56	300	1	95	SOT23-6
ET81413	4.5V~17V Input 4A Sync ACOT	4.5~17	ADJ/0.60~7.0	4	1.2	200	1.6	95	SOT-563
ET8124S0	6V~36V Input 2A Sync ACOT	6~36	ADJ/1~24	2	0.5	150	6	95	ESOP8
☆ET8134M	4.5V~38V Input 3A Sync ACOT	4.5~38	ADJ/0.923~12.0	3	0.6	300	1.6	93	EOSP8
<u>ETO8134M</u>	4.5V~38V Input 3A Sync ACOT	4.5~38	ADJ/0.923~12.0	3	0.6	300	1.6	93	EOSP8
ET8307A	2.2V~5.5V Input 0.4A Sync ACOT	2.2~5.5	0.7/1.0/1.3/1.6 1.9/2.0/2.9/3.1	0.4	1.2	0.36	0.2	93	WLCSP8 (0.4 Pitch)
☆ET8307	2.2V~5.5V Input 0.6A Sync ACOT	2.2~5.5	1.2/1.5/1.8/2.1 2.5/2.8/3.0/3.3	0.6	1.2	0.36	0.2	94	WLCSP8 (0.4 Pitch)
ET8330A	2.5V~5.5V Input 3A Sync ACOT I ² C Control	2.5~5.5	ADJ/Default 0.6V/0.5~1.3	3	2.4	30	0.2	90	WLCSP15 (0.4 Pitch)

Buck DC/DC

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	Max SW Current (A)	Frequency (MHz)	I _Q (μA)	I _{SD} (μA)	Efficiency Max (%)	Package
ETB81360	4.5V~60V Input, 3A , Async, ACOT	4.5~60	ADJ/0.75~54	3	2.2	135	2	96	ESOP8
ET8650QA	9V~60V Input, 5A , Sync, ACOT	9-60	ADJ/0.8~54	5	0.15	500	9	96	QFN20
ET8650Q7	9V~60V Input, 5A , Sync, ACOT	9-60	ADJ/0.8~54	5	0.15	500	9	96	QFN20
ET8815Ax	9V~80V Input, 3A , Async, ACOT	9-80	ADJ/0.8~73	3	0.15/0.3	400	9	95	ESOP8
ET8A10Ax	9V~100V Input, 1.5A , Async, ACOT	9-100	ADJ/0.8-90	1.5	0.15/0.3	400	9	92	ESOP8
ET8820Ax	9V~80V Input, 4A , Async, ACOT	9-80	ADJ/0.8-70	4	0.15/0.3	400	9	92	ESOP8
ET8A35A1KP	9V~100V Input, 3.5A , Async, ACOT	9-100	ADJ/0.8-90	3.5	0.15	500	9	96	ESOP8
ET8A50QA	9V~100V Input, 5A , Sync, ACOT	9-100	ADJ/0.8-90	5	0.15	500	9	96	QFN20
ET8A50Q7	9V~100V Input, 5A , Sync, ACOT	9-100	ADJ/0.8-90	5	0.15	500	9	96	QFN20
ET8A100KE	9V~100V Input, 10A , Async, ACOT	9-100	ADJ/0.8-90	10	0.15	500	9	96	MSOP10

Boost DC/DC

Part No.	Features	V _{IN} (V)	V _{OUT} (V)	Max SW Current (A)	Frequency (MHz)	I _Q (μA)	I _{SD} (μA)	Efficiency Max (%)	Package
☆ET82097Vxx	Sync. Boost with Ultra Low I _Q Pass Mode & Down Mode	0.7~5.5	2.85/3.0/3.3/5.0	Peak 1.0	Adaptive	0.25	0.5	93	SOT23-5
☆ET82099	Sync. Boost with Ultra Low I _Q Pass Mode & Down Mode	0.7~5.5	ADJ/1.8~5.5	Peak 1.0	Adaptive	0.25	0.5	93	WLCSP6 (0.4 Pitch) SOT23-6/DFN6 (2.0×2.0)
☆ET82099x	Sync. Boost with Ultra Low I _Q Pass Mode & Down Mode	0.7~5.5	2.5/3.0/3.3 3.6/4.5/5.0	Peak 1.0	Adaptive	0.25	0.5	93	WLCSP6 (0.4 Pitch)
ET820982	Sync. Low I _Q Boost with Integrated LDO	0.7~4.5	Boost:3.3/LDO:2.8	Peak 0.5	Adaptive	2	0.005	93	DFN6(1.5×1.5)
ET8210	Sync. Low-Power fixed 5.4V Boost Regulator	2.7~4.8	5.4	Peak 3.0	2.5	75	3	95	DFN8 (2.0×2.0)
ET8215	Sync. Low-Power fixed 5.0V Boost Regulator	2.7~4.8	5	Peak 3.0	2.5	75	2.5	97	WLCSP9 (0.4 Pitch)
<u>ETQ8215</u>	Sync. Low-Power fixed 5.0V Boost Regulator	2.7~4.8	5	Peak 3.0	2.5	75	2.5	97	WLCSP9 (0.4 Pitch)
☆ET8290	Sync. Boost with True Output Disconnecting I ² C Control	1.9~5.5	ADJ/3.5~5.0	Valley 9.0	1	0.3	0.1	98	QFN14 (2.0×2.0)
ET8290B	Sync. Boost with True Output Disconnecting	1.9~5.5	ADJ/2.5~5.0	Valley 9.0	1	0.3	0.1	98	QFN14 (2.0×2.0)
ET84501	Sync. High Output Voltage Boost with Programmable Limit Current and Frequency	2.7~12	ADJ/4.5~12.4	Peak ADJ(Max) 11.5	ADJ/0.2~2.2	1	1	98	UQFN11 (2.5×2.0)

POWER MANAGEMENT

Charger

Li-Battery Charger

Part No.	Description	V _{IN} (V)	V _{IN} OVP (V)	V _{BATREG} (V)	I _{CHRG} (mA)	I _{BAT} (μA)	Features	Package
ET95101/H	High-Accuracy Linear Charger	3.5~28	6.65	4.2/4.35 ±1%	10~250	0.075	Ultra-Low Leakage Current High Accuracy	CSP6 (0.4 pitch)
ET9562	Linear Charger with PPM	4.35~20	6	3.6~4.545 ±0.5%	8~512	1.5	I ² C, PPM, DPM, NTC Function and Auto Recharge	CSP9 (0.5 pitch)
ET9563	Linear Charger with PPM and UART	3~20	6	3.6~4.527 ±0.5%	2~510	0.3	I ² C, PPM, DPM, NTC, UART, JACK-in/out Detection	CSP12 (0.4 pitch)
^ET95164	0.6A Linear Charger IC with OVP	4.5~36	6.1	4.2 ±1.2%	Max 600	0.6	Not Need MCU Control CHG State	SOT23-5
ET9515XX	1A Linear Charger IC with OVP	4.55~28	6.8	4.2/4.35 ±1%	Max 1100	1	Not Need MCU Control PG and CHG State	DFN8 (2.0×2.0) SOT23-6
ET95152AL/H	1A Linear Charger IC with OVP	4.55~28	6.8	4.2/4.35 ±1%	Max 1100	1	Not Need MCU Control CHG State	DFN10 (3.0×3.0)
ET9513C	High-Accuracy Linear Charger	4.3~28	6.9	4.175/4.314 ±0.5%	Max 1200	5	USB100 /USB 500/ ISET Mode EN Pulse Control	DFN10 (3.0×2.0)
ET95601CX	3A Buck Charger	3.9~13.5	5.5/6.5/10.5/14	3.856~4.624 ±0.5%	0~3074.5	22	I ² C, PPM, DPM, NTC, BC1.2, OTG	QFN24 (4.0×4.0)
ET95153/H	1A Linear Charger	4.5~36	7	4.2/4.35 ±1%	Max 1000	5nA	Not Need MCU Control CHG State	DFN8 (3.0×3.0)
ET95603	5A Buck Charger with OTG	3.9~22	5.5/6.5/10.5/14	3.84~4.608 ±0.5%	0~5056	8	I ² C, PPM, DPM, NTC, BC1.2, OTG	QFN24 (4.0×4.0)
ET95251	5A Buck Charger with OTG	3.9~22	5.5/6.5/10.5/14	3.84~4.608 ±0.5%	0~5056	8	I ² C, PPM, DPM, NTC, BC1.2, OTG, PD	QFN24 (4.0×4.0)
ET95967	8A Switched Capacitor Direct Charger	3~36	6~12.35	3.5~5.075 ±0.5%	0~8300	25	2:1 SC charge, 16-bit ADC, System Protection	CSP36 (0.4 pitch)

Energy Harvester

Part No.	Description	V _{Cold Start} (V)	V _{MPPT} (V)	V _{BATREG} (V)	V _{SYS} (V)	I _{BAT} (μA)	Features	Package
ET95640	Energy Harvester with Battery Management	0.275	0.25~3.2 PRGM	2.4~4.4	2.2/2.5/2.8	0.4	Boost Buck Fixed Voltage MPPT Extra Linear Charger Shipping Mode	QFN24 (4.0×4.0)
ET95641	Energy Harvester with Battery Management	0.275	35%~90%V _{OC}	2.4~4.4	2.2/2.5/2.8	0.4	Boost Buck Adaptive MPPT Extra Linear Charger Shipping Mode	QFN24 (4.0×4.0)
ET9504XXX	Energy Harvester with Battery Management	0.275	0.25~3.2 Fixed	3.8/3.9/4.12/ 4.35 Fixed	2.2/2.5/2.8 Fixed	0.4	Boost Buck Fixed Voltage MPPT Extra Linear Charger Shipping Mode	DFN10 (3.0×3.0)

☆: Recommended Products

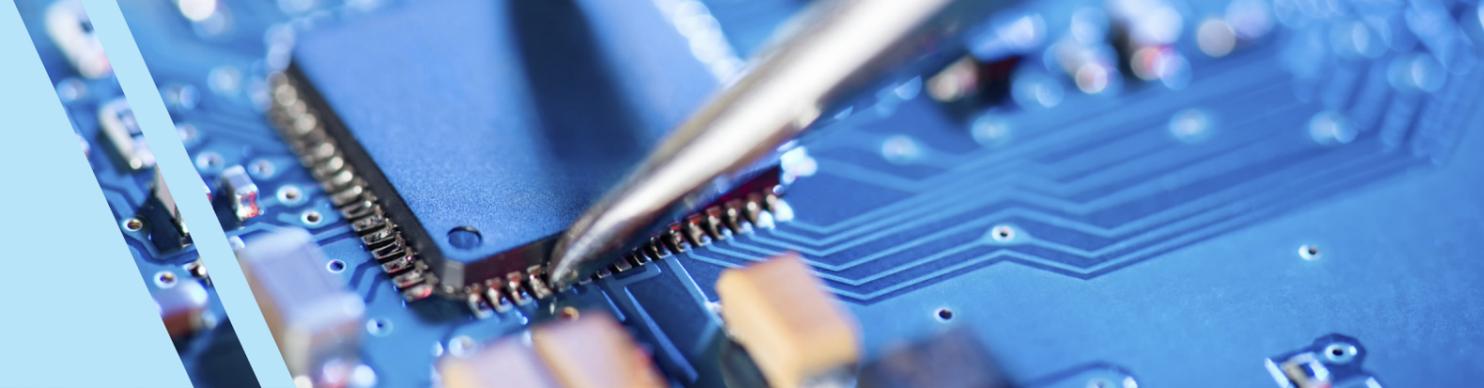
ETXXXX: AEC-Q100 Qualified

*: Underdeveloped Products

^: Not Recommended for New Design

POWER MANAGEMENT

PD Controller



Type-C CC Logic and PD Controller

Part No.	Description	V _{BUS} AMR(V)	CC AMR(V)	V _{DD} (V)	I _{SD} (μ A)	PD version	Power Delivery	Features	Package
ET7301	CC Logic and PD Controller	28	6	2.8~5.5	25	PD2.0	100W	Support PD2.0	QFN14 (2.5×2.5)
ET7303A	CC Logic and PD Controller with TCPCI Interface	28	28	3.0~5.5	20	PD2.0	100W	Support PD2.0	CSP9 (0.4 pitch) QFN14 (2.5×2.5)
☆ET7304	CC Logic and PD Controller with TCPCI Interface	28	28	3.0~5.5	20	PD3.1	100W	Support PD3.1 SPR except Fast Role Swap Function Support IEC62680-1-2/IEC62680-1-3	CSP9 (0.4 pitch) QFN14 (2.5×2.5)
ET73224Q	USB PD and Other Fast Charging Protocol Sink Controller	32	32	3.3~30	1800	PD3.2	140W	Support PD3.2 EPR AVS PPS SPR protocols and BC1.2	DFN10 (2.0×2.0)

Power Management

Power Management

☆: Recommended Products

ETXXXX: AEC-Q100 Qualified

*: Underdeveloped Products

^: Not Recommended for New Design

POWER PROTECTION



OVP

Part No.	Features	Surge@8/20μs (V)	V _{IN} (V)	Fixed V _{OVP} (V)	ADJ V _{OVP} (V)	R _{ON} (mΩ)	I _{OUT_MAX} (A)	I _Q (μA)	T _{OFF_RES} (ns)	Package
☆ET9528	6.1V OVP with 3.1A Current Limit	–	2.5~36	6.1	–	110	2.5	110	150	SOT23-6
ET9611Y	6.1V OVP with 3.3A Current Limit	–	2.5~36	6.1	–	100	2.5	110	150	DFN4 (1.2×1.6)
ET9612Y	6.1V OVP with 1.1A Current Limit	–	2.5~36	6.1	–	100	1.1	110	150	DFN4 (1.2×1.6)
ET9612YL	5.7V OVP with 1.1A Current Limit	–	2.5~36	5.7	–	100	1.1	110	150	DFN4 (1.2×1.6)
ET9930Y	6.1V OVP with ADJ Current Limit and Protection against Reverse Voltage at the Input	–	3.5~30	6.1	–	105	2	70	50	DFN8 (2.0×2.0)
☆ET20125	OVP(LDO Mode) with ADJ Current Limit and Protection against Reverse Voltage at the Input	–	3.3~26	6.8	–	150	2	100	200	DFN8 (3.0×3.0)
ET9523CL	6.8V OVP with ADJ OVP	–	2.5~28	6.8	4~24	35	4	90	50	WLCSP6 (0.4 pitch)
ET9543	5.8V OVP with Digital Signal Transmission	–	2.5~29	5.8	–	22	4	70	50	WLCSP6 (0.4 pitch)
ET9545L1	5.95V OVP with Moisture Detection and ADJ OVP	80	3.2~28	5.95	4~20	20	5.5	100	50	WLCSP12 (0.4 pitch)
ET9545L	6.8V OVP with Moisture Detection and ADJ OVP	80	3.2~28	6.8	4~20	20	5.5	100	50	WLCSP12 (0.4 pitch)
ET9555M	12.1V OVP with BUS_DET Output and ADJ OVP	100	2.5~28	12.1	4~24	12.5	6	150	50	WLCSP12 (0.4 pitch)
☆ET9551M	12.1V OVP with BUS_DET Output and ADJ OVP	100	2.5~28	12.1	4~24	32	4.8	150	50	FCQFN12 (1.8×1.3)
ET9553L	5.95V OVP with BUS_DET Output and ADJ OVP	100	2.5~28	5.95	4~24	35	4.8	150	50	WLCSP12 (0.4 pitch)
ET9553M	10V OVP with BUS_DET Output and ADJ OVP	100	2.5~28	10	4~24	35	4.8	150	50	WLCSP12 (0.4 pitch)
☆ET9540CL	6.8V OVP with FLAG and ADJ OVP	100	2.5~28	6.8	4~20	30	4.5	95	50	WLCSP12 (0.4 pitch)

OVP

Part No.	Features	Surge@8/20μs (V)	V _{IN} (V)	Fixed V _{OVP} (V)	ADJ V _{OVP} (V)	R _{ON} (mΩ)	I _{OUT_MAX} (A)	I _Q (μA)	T _{OFF_RES} (ns)	Package
ET9552	10.5V OVP with FLAG and ADJ OVP	100	2.5~28	10.5	4~20	30	4.5	90	50	WLCSP12 (0.4 pitch)
ET9546MV	6.8V OVP with FLAG and ADJ OVP	100	2.5~28	6.8	4~26	33	4.5	95	50	WLCSP12 (0.4 pitch)
☆ET9640	13.75V OVP with FLAG and ADJ OVP	100	2.5~28	13.75	4~28	8	7	150	80	DFN10 (3.0×3.0)
ET9650M1	10.5V OVP with FLAG and ADJ OVP	100	2.5~28	10.5	4~24	15	6	90	50	WLCSP12 (0.4 pitch)
ET9668	OVP with FLAG and BUS_DET Output and Active Discharge Path at VBUS	200	2.8~28	12.4/21.9	–	9	6	95	50	WLCSP20 (0.4 pitch)

OVP with RCB

Part No.	Features	Surge@8/20μs (V)	V _{IN} (V)	Fixed V _{OVP} (V)	ADJ V _{OVP} (V)	R _{ON} (mΩ)	I _{OUT_MAX} (A)	I _Q (μA)	T _{OFF_RES} (ns)	Package
☆ET9918B	ADJ OVP with RCB and Current Indicator and 7.5A Current Limit	–	2.5~26	14.5	4~20	23	5	100	70	WLCSP12 (0.4 Pitch)
ET9919B	ADJ OVP with RCB and Current Indicator and 7.5A Current Limit	–	2.5~26	14.5	4~20	38	4	100	70	WLCSP12 (0.4 Pitch)
ET9931	ADJ OVP with RCB and ACK	100	2.9~29	22	4~24	27	5	90	120	WLCSP15 (0.5 Pitch)
ET9932	ADJ OVP with RCB and ACK	100	2.9~29	22.7	4~24	27	5	90	120	WLCSP15 (0.5 Pitch)
ET9902	OVP with RCB and OTG Function and Wireless Enable Control	100	3.6~20	13/17	–	23	5	140	100	WLCSP20 (0.4 pitch)

Load Switch

Part No.	Features	Channel	V _{IN} (V)	I _Q (μA)	I _{OFF} (μA)	R _{ON} (mΩ)	I _{OUT_MAX} (A)	EN Logic	RCB	Fault Flag	Package
ET3137	5.5V 2.2A 40mΩ Ultra-Low I _Q	1	1.2~5.5	0.5	0.1	40	2.2	L	No	No	WLCSP4 (0.4 Pitch)
☆ET3138	5.5V 2.2A 40mΩ Ultra-Low I _Q	1	1.2~5.5	0.5	0.1	40	2.2	H	No	No	WLCSP4 (0.4 Pitch)
ET3140	5.5V 2.2A 40mΩ Ultra-Low I _Q	1	1.2~5.5	0.5	0.1	40	2.2	H	No	No	FCQFN4 (1.0×1.0)
^ET3148A	6V 3A 23mΩ TRCB	1	1.5~6.0	≤11	≤1	23	3.5	H	Yes	No	WLCSP6 (0.5 Pitch)
ET3152	6V 6A TRCB Ultra-Low R _{on}	1	2.2~6.0	≤1.2	≤1	4	6	H	Yes	Yes	WLCSP12 (0.4 Pitch)
ET3153	5.5V 6A RCB Ultra-Low R _{on}	1	2.3~5.5	≤1	≤1	6	6	L	Yes	No	WLCSP12 (0.4 Pitch)
ET3158A	6V 3A 33mΩ TRCB	1	1.5~6.0	8	≤1	33	3	H	Yes	No	DFN4 (1.2×1.6)
ET3159	6V 3A TRCB Auto Discharge	1	1.5~6.0	8	≤1	75	3	H	Yes	No	DFN4 (1.2×1.6)
ET3161	Low Input Quick Rise 6A Switch	1	V _{BIAS} 3~5.5 V _{IN} 0.8~3.5	≤1	≤0.4	4.8	6	H	No	No	DFN8 (3.0×3.0)
ET3164	10A 5.2mΩ Load Switch with Rise Time ADJ	1	V _{BIAS} 1.5~5.5 V _{IN} 0.1~5.5	8	0.1	5.2	10	H	No	Yes	WQFN10 (1.5×2.0)
ET3166	6CH Load Switch with I ² C Control	6	1.2~5.5	≤1	≤1	52	2.0×6CH	H	Yes	No	WLCSP16(0.35 pitch)
ET3176	Dual 6A Load Switch	2	V _{BIAS} 2.5~5.7 V _{IN} 0.6~V _{BIAS}	22	≤2.3	18	6	H	No	No	DFN14L (3.0×2.0)
☆ET3562	5.5V 3A TRCB Auto Discharge	1	1.0~5.5	0.5	0.1	35	3	H	Yes	No	WLCSP4 (0.5 Pitch)
ET3565	4A Switch with RCB	1	1.0~5.5	0.5	0.15	17	4	H	Yes	No	WLCSP6 (0.5 Pitch)

Current Limit Switch

Part No.	Features	V _{IN} (V)	Current Limit (A)	I _O (μA)	I _{SD} (μA)	R _{ON}	EN Logic	RCB	Fault Flag	Package
☆ET20161	80mΩ 0.5A with RCB and Fault Indicator	2.5~5.5	Fixed 0.85	25	0.1	80	H	Y	Y	SOT23-5
☆ET20162	80mΩ 1.0A with RCB and Fault Indicator	2.5~5.5	Fixed 1.5	25	0.1	80	H	Y	Y	SOT23-5
<u>ET20162AM</u>	80mΩ 1.0A with RCB and Fault Indicator	2.5~5.5	Fixed 1.5	25	0.1	80	H	Y	Y	SOT23-5
☆ET20163	80mΩ 1.5A with RCB and Fault Indicator	2.5~5.5	Fixed 2.1	25	0.1	80	H	Y	Y	SOT23-5
ET21163	80mΩ 1.5A with RCB and Fault Indicator	2.5~5.5	Fixed 2.1	25	0.1	80	H	Y	Y	SOT23-5
ET20164	80mΩ 2.0A with RCB and Fault Indicator	2.5~5.5	Fixed 2.9	25	0.1	80	H	Y	Y	SOT23-5
ET2016	60mΩ ADJ OCP with RCB and Fault Indicator	2.5~5.5	0.4~2.5	25	0.1	60	H	Y	Y	SOT23-6
ET2016A	80mΩ ADJ OCP with RCB	2.5~5.5	0.4~2.0	25	0.1	80	H	Y	N	SOT23-5
<u>ET2016AAM</u>	80mΩ ADJ OCP with RCB	2.5~5.5	0.4~2.0	25	0.1	80	H	Y	N	SOT23-5
ET2016B	60mΩ ADJ OCP with RCB and Fault Indicator	2.5~5.5	0.275~2.5	25	0.1	60	H	Y	Y	SOT23-6
ET2016C	60mΩ ADJ OCP with RCB and Fault Indicator	2.5~5.5	0.2~2.1	25	0.1	60	H	Y	Y	SOT23-6
ET20155	300mΩ 0.25A with RCB and Fault Indicator	2.5~5.5	Fixed 0.25	25	0.1	300	H	Y	Y	SC70-6
ET2095A	ADJ OCP with 5.8V OVP RCB and Fault Indicator	2.5~5.5	0.1~2.5	65	1	100	H	Y	Y	WLCSP9 (0.4 Pitch)
ET2195	ADJ OCP with 5.8V OVP RCB and Fault Indicator	2.5~5.5	0.25~3.0	35	2.8	60	H	Y	Y	WLCSP9 (0.4 Pitch)
ET2195H	ADJ OCP with 11.5V OVP RCB and Fault Indicator	2.5~11	0.25~3.0	35	2.8	60	H	Y	Y	WLCSP9 (0.4 Pitch)
ET2195K	ADJ OCP with 14.2V OVP RCB and Fault Indicator	2.5~13.5	0.25~3.0	35	2.8	60	H	Y	Y	WLCSP9 (0.4 Pitch)

E-Fuse

Part No.	Features	V _{IN} (V)	Current Limit (A)	I _Q (μA)	I _{SD} (μA)	R _{ON}	EN Logic	RCB	Fault Flag	OCP Mode	Fault Response	OVP Mode	Package
ET20135	E-Fuse ADJ OCP with Programmable Soft-Start Time	3.0~22	0.05~3.0	550	17	57	H	N	N	Circuit Breaker	Auto-Retry	N	TSOT23-6
ET20170	E-Fuse ADJ OCP with Programmable Soft-Start Time and Blocking FET Control (Lock-Out)	4.5~18	0.73~5.0	110	11	31	H	N	N	Current Limiting	Latch-off	N	DFN10 (3.0×3.0)
ET20170H	E-Fuse ADJ OCP with Programmable Soft-Start Time and Blocking FET Control (Auto-Retry)	4.5~18	0.73~5.0	110	11	31	H	N	N	Current Limiting	Auto-Retry	N	DFN10 (3.0×3.0)
ET20171	E-Fuse ADJ OCP with Programmable Soft-Start Time and 6.1V Output Over-voltage Clamp (Lock-Out)	4.5~18	0.73~5.0	70	11	31	H	N	N	Current Limiting	Latch-off	Clamp	DFN10 (3.0×3.0)
ET20171H	E-Fuse ADJ OCP with Programmable Soft-Start Time and 6.1V Output Over-voltage Clamp (Auto-Retry)	4.5~18	0.73~5.0	70	11	31	H	N	N	Current Limiting	Auto-Retry	Clamp	DFN10 (3.0×3.0)
ET20172	E-Fuse ADJ OCP with Programmable Soft-Start Time and 15V Output Over-voltage Clamp (Lock-Out)	4.5~18	0.73~5.0	88	11	31	H	N	N	Current Limiting	Latch-off	Clamp	DFN10 (3.0×3.0)
ET20172H	E-Fuse ADJ OCP with Programmable Soft-Start Time and 15V Output Over-voltage Clamp (Auto-Retry)	4.5~18	0.73~5.0	88	11	31	H	N	N	Current Limiting	Auto-Retry	Clamp	DFN10 (3.0×3.0)
ET20173	E-Fuse, ADJ OCP with Programmable soft-start time 6.1V Output Over-voltage Clamp and Blocking FET Control (Lock-Out)	4.5~18	0.73~5.0	70	11	31	H	Y	N	Current Limiting	Latch-off	Clamp	DFN10 (3.0×3.0)
ET20173H	E-Fuse ADJ OCP with Programmable soft-start time 6.1V Output Over-voltage Clamp and Blocking FET Control (Auto-Retry)	4.5~18	0.73~5.0	70	11	31	H	Y	N	Current Limiting	Auto-Retry	Clamp	DFN10 (3.0×3.0)
ET20174	E-Fuse ADJ OCP with Programmable soft-start time 15V Output Over-voltage Clamp and Blocking FET Control (Lock-Out)	4.5~18	0.73~5.0	88	11	31	H	Y	N	Current Limiting	Latch-off	Clamp	DFN10 (3.0×3.0)
ET20174H	E-Fuse ADJ OCP with Programmable soft-start time 15V Output Over-voltage Clamp and Blocking FET Control (Auto-Retry)	4.5~18	0.73~5.0	88	11	31	H	Y	N	Current Limiting	Auto-Retry	Clamp	DFN10 (3.0×3.0)
ET20175Y1	E-Fuse ADJ OCP with Programmable Soft-Start Time	2.5~30	1.0~5.0	200	10	40	H	N	N	Current Limiting	Auto-Retry	Clamp	DFN10 (3.0×3.0)
ET20176	E-Fuse ADJ OCP with Programmable Soft-Start Time and Blocking FET Control (Lock-Out)	3.0~26	0.7~5.0	60	5	30	H	Y	N	Circuit Breaker	Latch-off	Clamp	QFN10 (1.5×2.0)
ET20176H/HY/HY1	E-Fuse ADJ OCP with Programmable Soft-Start Time Output Over-voltage Clamp and Blocking FET Control (Auto-Retry)	3.0~26	0.7~5.0	60	5	30	H	Y	N	Circuit Breaker	Auto-Retry	Clamp	DFN8 (1.5×2.0) QFN10 (1.5×2.0) DFN10 (3.0×3.0)

Power Protection

Power Protection

POWER PROTECTION

TVS



VBUS Port TVS

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _J (pF)	ESD-Contact (kV)	Package
ES12P4N3A	Uni-Direction	12	13.3~15	240	22	1535	±30	DFN2020-3L
ES12P4S1	Uni-Direction	12	13.3~14.7	180	24	1020	±30	SOD-123
ES18P4N3A	Uni-Direction	18	20~25	160	33	970	±30	DFN2020-3L
ES1805P4N3	Bi-Direction	18/5.0	20/5.6	150	31	852	±30	DFN2020-3L
ES24P4N3A	Uni-Direction	24	Min 25	200	32	800	±30	DFN2020-3L
ES24P4S1-B	Bi-Direction	24	26.7~29.5	150	35 (Max)	320	±30	SOD-123
ES26P4NA	Uni-Direction	26	28~30.5	120	49	700	±30	DFN2020-2L
ES26P4M	Uni-Direction	26	28~32	100	33	300	±30	DFN1616-2L
ES30P4N3LX	Uni-Direction	30	Min 31	165	36	540	±30	DFN2020-3L
ES36P4N3X	Uni-Direction	36	Min 38	131	37.8	5240	±30	DFN2020-3L

Power Protection

Power Protection

VBAT Port TVS

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _j (pF)	ESD-Contact (kV)	Package
ES45D3HP	Uni-Direction	4.5	5~7	100	15 (Max)	700	±30	SOD323F
ES05DP	Uni-Direction	5	5.7~7	100	15	700	±30	DFN1610-2L
ES45DPX/K	Uni-Direction	4.85	5~6.5	170	13	500	±30	DFN1610-2L
ES4850DPVL	Uni-Direction	4.85	4.9~6.5	180	10	500	±30	DFN1610-2L
ES6V3DPX	Uni-Direction	6.3	Min 7	155	12	460	±30	DFN1610-2L
ES12DPHX	Uni-Direction	12	13.4~16	120	21.3	690	±30	DFN1610-2L
ES45DPF-BHX	Bi-Direction	4.5	Min 4.6	45	10	100	±30	DFN1006-2L
ES4850DFHX	Uni-Direction	4.85	5~7	50	9	160	±30	DFN1006-2L
ES45DFVH	Uni-Direction	5	Min 5.3	100	10	270	±30	DFN1006-2L

Type-C CC/SBU Port TVS

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _j (pF)	ESD-Contact (kV)	Package
ES4850DFHX	Uni-Direction	4.85	5~7	50	9	160	±30	DFN1006-2L
ES6V3DFX	Uni-Direction	6.3	6.8~8.5	35	12	230	±30	DFN1006-2L
ES79DFVXM	Uni-Direction	7.9	8~10	45	14	290	±30	DFN1006-2L
ES09DFX	Uni-Direction	9	Min 9.5	40	15.5	260	±30	DFN1006-2L
ES12DFX	Uni-Direction	12	13.3~16	32	21.5	185	±30	DFN1006-2L
ES15DFCX	Uni-Direction	15	16~20	28	24.5	180	±30	DFN1006-2L
ES20DFX	Uni-Direction	20	22~26	33	28	90	±30	DFN1006-2L

General ESD Protection TVS

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _j (pF)	ESD-Contact (kV)	Package
E33DFB	Bi-Direction	3.3	Min 3.7	7	8	15	±30	DFN1006-2L
ES05DF-BN	Bi-Direction	5	Min 6	4	15 (Max)	7	±30	DFN1006-2L
E05DFBH	Bi-Direction	5	Min 5.6	9	7.5	14	±30	DFN1006-2L
ES03DMSBHx	Bi-Direction	3.3	Min 4.5	12	8	22	±30	DFN0603-2L
ES05DMS-BH	Bi-Direction	5	Min 5.6	10	8	20 (Max)	±30	DFN0603-2L
E12DMSB	Bi-Direction	12	Min 13.3	4	16.5 (Max)	7	±30	DFN0603-2L

Ultra Low Cap ESD Protection TVS

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _j (pF)	ESD-Contact (kV)	Package
ES05DTGFBHA	Bi-Direction	5	Min 5.6	10	6	0.2	±30	DFN1006-2L
ES05DUCFBFK	Bi-Direction	5	Min 5.6	3	10.5	0.4	±20	DFN1006-2L
ES05MUC	Dual Uni-Direction	5	6~9	4	10.5	0.5	±30	DFN1006-3L
ES05DUCF-02	Uni-Direction	5	6~10	4	12	0.6	±20	DFN1006-2L
ES05DUCFM	Uni-Direction	5	6~10	8	11	1	±30	DFN1006-2L
ES05DGCMSBHx	Bi-Direction	5	Min 6	3	20	0.15	±12	DFN0603-2L
ES05DTGMSBH	Bi-Direction	5	Min 5.6	10	6.3	0.2	±30	DFN0603-2L
ES05DTUMSBLX	Bi-Direction	5	Min 6	4.5	5.4	0.6	±15	DFN0603-2L

Array TVS for HDMI/DP/DM

Part No.	Type	V _{RWM} (V)	V _{BR} (V)	I _{PP} (A)	V _{C@I_{PP}} (V)	C _j (pF)	ESD-Contact (kV)	Package
ES332R2PA	2-Line Uni-Direction	3.3	Min 3.7	5	10	0.8	±30	DFN1610-6L
ES052R2PL	2-Line Uni-Direction	5	6~9	4	10.5	0.5	±15	DFN1610-6L
ES334RTBH	4-Line Bi-Direction	3.3	4.5~7	7.2	3.5	0.32	±22	DFN2510-10L
ES054R2P	4-Line Uni-Direction	5	Min 6	4	12	0.6	±22	DFN2510-10L

DRIVER



Direct Fun Light LED Driver

Part No.	Features	V _{IN} (V)	I _{SHDN} (μA)	CH	Dimming Levels	I _{MAX} /CH (mA)	Interface Control	Package
ET6298	16CH with A Seven-Band Audio Equalizer	2.4~5.5	≤5	16	256 Current each CH	40	I ² C	QFN24 (4.0×4.0)
☆ET6312B	12CH with Auto-Breathing	2.7~5.5	0.1	12	192 Current each CH	48	I ² C	QFN20 (3.0×3.0)
ET6309	9CH with Auto-Breathing	2.7~5.5	0.1	9	192 Current each CH	48	I ² C	QFN16 (3.0×3.0)
☆ET6326	3CH with Auto-Breathing	2.7~5.5	0.1	3	192 Current each CH	24	I ² C	DFN8 (1.5×1.5)
ET6034AY	16CH 128 Step Dimming	2.7~5.5	≤5	16	128 Current each CH	45	I ² C	QFN24 (4.0×4.0)
☆ET6037	18CH 128 Step Dimming	2.7~5.5	≤5	18	128 Current each CH	45	I ² C	QFN24 (4.0×4.0)/SSOP24
ET6038	36CH 256 Step Dimming Open and Short Circuit Detection Function	2.7~5.5	≤6	36	256 Current each CH	42.6	I ² C	QFN44 (5.0×5.0) LQFP48 (7.0×7.0)
^ET6024	16CH 16 Step Dimming	3.3~4.5	2500	16	16 Current each CH	45	4-Wire Serial	SSOP24

Matrix LED Driver

Part No.	Features	V _{IN} (V)	I _{OH} (typ.mA)	I _{OL} (typ.mA)	Seg	Grid	Dimming Levels	Key Matrix	Interface Control	Package
ET1616	28 LED Matrix	3.0~5.5	50	100	7	4	8 Step	–	3-Wire Serial	DIP16/SOP16
ET1620	48 LED Matrix	3.0~5.5	50	100	10~8	4~6	8 Step	–	3-Wire Serial	SOP20
ET1624	77 LED Matrix	3.0~5.5	50	140	14~11	4~7	8 Step	–	3-Wire Serial	SOP24
☆CD1628	70 LED Matrix 20 Key	3.0~5.5	50	100	13~10	4~7	8 Step	2×10	3-Wire Serial	SOP28
^ET1629A	128 LED Matrix	3.0~5.5	40	110	16	8	8 Step	–	3-Wire Serial	SOP32
^ET1629B	112 LED Matrix 16 Key	3.0~5.5	40	110	14	8	8 Step	2×8	3-Wire Serial	SOP32
^ET1629C	120 LED Matrix 8 Key	3.0~5.5	40	110	15	8	8 Step	1×8	3-Wire Serial	SOP32

☆: Recommended Products

ETXXXX: AEC-Q100 Qualified

*: Underdeveloped Products

^: Not Recommended for New Design

Matrix LED Driver

Part No.	Features	V _{IN} (V)	I _{OH} (typ.mA)	I _{OL} (typ.mA)	Seg	Grid	Dimming Levels	Key Matrix	Interface Control	Package
ET1637	Common Anode 48 LED Matrix 16 Key	3.0~5.5	140	25	6	8	8 Step	2×8	2-Wire Serial	SOP20/TSSOP20
☆ET1640	128 LED Matrix	3.0~5.5	50	140	8	16	8 Step	–	2-Wire Serial	SOP28/SSOP28
ET1651	Common Anode 28 LED Matrix 7 Key	3.0~5.5	140	25	4	7	8 Step	1×7	2-Wire Serial	SOP16/SSOP16
ETK6201	77 LED Matrix 30 Key	3.0~5.5	30	140	12~11	6~7	8 Step	3×10	4-Wire Serial	SOP32
ET6202	70 LED Matrix 20 Key	3.0~5.5	30	140	13~10	4~7	8 Step	3×10	3-Wire Serial	SOP28
ET6218R	35 LED Matrix 7 Key	3.0~5.5	50	100	8~7	4~5	8 Step	1×7	3-Wire Serial	DIP18
ET6220	35 LED Matrix 7 Key	3.0~5.5	50	140	9~6	4~7	8 Step	1×6	3-Wire Serial	TSSOP20
☆ET6224R	70 LED Matrix 20 Key	3.0~5.5	50	100	13~10	4~7	8 Step	2×10	3-Wire Serial	SOP24/TSSOP24/SSOP24
☆ET6226	32 LED Matrix 28 Key	3.0~5.5	40	50	8	4	8 Step	4×7	2-Wire Serial	DIP16/SOP16/SSOP16

LCD Matrix Driver

Part No.	Features	V _{IN} (V)	I _{DD} (μA)	Com	Seg	Bias	Duty	Interface Control	Package
ET6621	32X4 LCD Controller	2.4~5.2	80	4	32	1/2、1/3	1/2、1/3、1/4	4-Wire Serial	LQFP44/48/SSOP48/SOP24
ET6622	32X8 LCD Controller	2.7~5.2	80	8	32	1/4	1/8	4-Wire Serial	LQFP64/52
ET6623	48X8 LCD Controller	2.4~5.2	250	8	48	1/4	1/8	4-Wire Serial	QFP100
ET6625	64X8 LCD Controller	2.4~5.2	250	8	64	1/4	1/8	4-Wire Serial	QFP100

Flash LED Driver

Part No.	Features	Channel	Flash Current / CH (A)	V _{IN} (V)	I _o (μA)	I _{OFF} (μA)	Switching Frequency (MHz)	Package
ET93010A	Synchronous Boost I ² C Interface	1	1.5	2.5~5.5	300	0.8	2/4	WLCSP8 (0.4 Pitch)
ET93011	Inductor Free I ² C Interface	1	1.5	2.5~5.5	300	0.8	–	WLCSP8 (0.4 Pitch)

☆: Recommended Products

ETXXXX: AEC-Q100 Qualified

*: Underdeveloped Products

^: Not Recommended for New Design

Constant Current Matrix LED Driver

Part No.	Features	V _{IN} (V)	I _{OH} (typ.mA)	I _{OL} (typ.mA)	Seg	Grid	Dimming Levels	Interface Control	Package
ET6141	Constant Current 80 LED Matrix	4.5~5.5	50	600	10	8	256 Step each Dot	I ² C	SSOP24
☆ET6142	Constant Current 72 LED Matrix	4.5~5.5	50	600	12	6	256 Step each Dot	I ² C	QFN24 (4.0×4.0)/SOP24/SSOP24
☆ET6143	Constant Current 120 LED Matrix	4.5~5.5	50	600	12	10	256 Step each Dot	I ² C	SOP28/EQSOP28/QFN28 (4.0×4.0)
☆ET6144	Constant Current 144 LED Matrix	4.5~5.5	50	600	12	12	256 Step each Dot	I ² C	QFN32 (4.0×4.0)/LQFP32 (7.0×7.0)
ET6280x	Constant Current 64 LED Matrix	4.5~5.5	32	≥250	8	8	256 Step each Dot	2-Wire Serial	SOP20/TSSOP20
ET6930	High Constant Current 96 LED Matrix	4.5~5.5	35	560	8	12	16 Step	I ² C	SSOP24
☆ET6934	High Constant Current 128 LED Matrix	4.5~5.5	70	560	8	16	16 Step	I ² C	SOP28/SOP32/EQSOP28
ET6935	High Constant Current 128 LED Matrix	4.5~5.5	120	1000	8	16	16 Step	I ² C	SOP28/EQSOP28
ET61128	Constant Current 128 LED Matrix	4.5~5.5	50	800	16	8	256 Step each Dot	I ² C	LQFP32
ET61934	Constant Current 128 LED Matrix	4.5~5.5	50	800	16	8	16 Step	I ² C	EQSOP28
ET6296Y	54 Dot with Auto-Breathing	2.4~4.5	20	360	9	6	128 Current each Dot	I ² C	QFN24 (4.0×4.0)
ET61626	Constant Current 128 LED Matrix	2.7~5.5	30	500	16	8	256 Step each Dot	I ² C	SOP28/QFN28 (4.0×4.0)
ET61627	Constant Current 135 LED Matrix	2.7~5.5	30	500	15	9	256 Step each Dot	I ² C	SOP28
ET61629	Constant Current 144 LED Matrix	2.7~5.5	30	500	16	9	256 Step each Dot	I ² C	LQFP32/QFN32 (5.0×5.0) QFN32 (4.0×4.0)
ET61092	Constant Current 144 LED Matrix	2.7~5.5	30	500	16	9	256 Step each Dot	2-Wire Serial	LQFP32

Driver

Driver

Darlington Transistor Arrays

Part No.	Drivers Per Package	Output Current (mA)	Output Voltage (V)	V _{CE,sat} (V)@100mA	Package
ET2003HV	7	500	50	0.9	SOP16

SIGNAL CHAIN

Voltage Monitor

Part No.	Features	V _{CC} (V)	I _Q (μA)	V _{TH} (V)	V _{OH} (V)	I _O (mA)	t _{Pd(r)} (μs)	t _{Pd(f)} (μs)	Logic Output Type	Package
ET3895	Adjustable Voltage Monitor	1.65~6.5	6.5	0.5	0.8×V _{CC}	-10~10	40	16	Push-Pull (Active High)	DFN6 (1.45×1.0)
ET3896	Adjustable Voltage Monitor	1.65~6.5	6.5	0.5	0.8×V _{CC}	-10~10	40	16	Push-Pull (Active Low)	DFN6 (1.45×1.0)
ET3895B27T	Adjustable Voltage Monitor	1.65~6.5	8	2.7	0.8×V _{CC}	-10~10	40	16	Push-Pull (Active High)	SOT23-5

Voltage Reset IC

Part No.	Features	V _{CC} (V)	I _Q (μA)	V _{TH} (V)	ΔV _{TH} (%)	V _{OL} (V)	Reset Delay t _{RD} (μs)	Recover Delay t _{RP} (ms)	Logic Output Type	Package
ET9818A16L	Micro-Power Voltage Reset IC	0.9~6	3	1.6	±1.5	Max 0.2	3	0.01	Open-Drain (Active Low)	SOT23-3
ET9818A30	Micro-Power Voltage Reset IC	0.9~6	3	3	±1.5	Max 0.4	3	0.01	Open-Drain (Active Low)	SOT23-3
ET9818B18	Micro-Power Voltage Reset IC	0.9~6	3	1.8	±1.5	Max 0.2	20	55	Open-Drain (Active Low)	SOT23-3
ET9818C13/26/42	Micro-Power Voltage Reset IC	0.9~6	3	1.3/2.6/4.2	±1.5	Max 0.2	20	220	Open-Drain (Active Low)	SOT23-3
ET9818C29/L	Micro-Power Voltage Reset IC	0.9~6	3	2.9	±1.5	Max 0.4	20	220	Open-Drain (Active Low)	SOT23-3
ET9818D29	Micro-Power Voltage Reset IC	0.9~6	3	2.9	±1.5	Max 0.2	20	450	Open-Drain (Active Low)	SOT23-3

Microphone Detection IC

Part No.	Features	V _{CC} (V)	I _Q (μA)	Wire Quantity	Trigger Polarity	Sensitivity	Propagation Delay(ms)	V _{OH} (V)	Logic Output Type	Package
ET601BHB	High Precision Detection IC with 3 Wire	2.8~4.4	2.9	3	Forward	Any Pa	50	V _{CC} - 0.3	Push-Pull (Active High)	SOT23-5
ET601BFB	High Precision Detection IC with 3 Wire	2.8~4.4	2.9	3	Forward	Any Pa	50	V _{CC} - 0.3	Output Square Wave	SOT23-5
ET601RHB	High Precision Detection IC with 3 Wire	2.8~4.4	2.9	3	Reverse	Any Pa	50	V _{CC} - 0.3	Push-Pull (Active High)	SOT23-5
ET602	High Precision Detection IC with 2 Wire	2.8~4.4	2.9	2	Forward	Any Pa	50	V _{CC} - 0.3	Output Square Wave	SOT23-5
ET603BHB	High Precision Detection IC with 3 Wire	2.8~4.4	2.9	3	Forward	1/32 fixed	50	V _{CC} - 0.3	Push-Pull (Active High)	SOT23-5
ET603BFB	High Precision Detection IC with 3 Wire	2.8~4.4	2.9	3	Forward	1/32 fixed	50	V _{CC} - 0.3	Output Square Wave	SOT23-5
ET604	High Precision Detection IC with 2 Wire	2.8~4.4	2.9	2	Forward	1/32 fixed	50	V _{CC} - 0.3	Output Square Wave	SOT23-5

Analog Switch

Part No.	Features	V _{CC} (V)	I _{CC} (μA)	I _{OFF} (μA)	V _{IS} (V)	R _{ON} (Ω)	BW@-3dB (MHz)	V _{ISO} (dB)	X _{TALK} (dB)	THD(%)	Package
☆ET5223	2CH SPDT Audio Switch	1.65~5.5	<1	<0.5	0~V _{CC}	0.5	55	-60	-90	0.08	QFN10L (1.8×1.4) MSOP10
ET5228	2CH SPDT Audio Switch with Negative	1.65~5.5	<0.5	<0.5	-2~V _{CC}	0.4	65	-65	-90	0.06	QFN10L (1.8×1.4) MSOP10
☆ET5228H	2CH SPDT Audio Switch with Negative	1.65~5.5	<0.5	<0.5	-2.5~V _{CC}	0.6	65	-65	-90	0.06	QFN10L (1.8×1.4)
<u>ET5228HAM</u>	2CH SPDT Audio Switch with Negative	1.65~5.5	<0.5	<0.5	-2~V _{CC}	0.6	65	-65	-90	0.06	QFN10L (1.8×1.4)
ET7428	2CH SPDT Audio Switch with OVP	2.7~5.5	29	-	-3.6~5.5	1	400	-65	-70	0.01	QFN10L (1.8×1.4)
☆ET7460H	2CH SPST Rail-to-Rail Negative Passing	2.7~5.5	180	3	-13~18	0.1	100	-100	-100	0.0003	WLCSP12 (0.4 pitch)
ET7WB66M	2CH SPST Switch	1.65~5.5	10	-	0~V _{CC}	4	500	-	-	-	VSSOP8
ET74801	Type-C USB/Audio/SENSE/MIC/SBUX Switch	2.7~5.5	65	0.5	0~3.6 -3.6~3.6	3.5/1.0 0.35/4/3.5	USB 750	Audio -100	Audio -100	Audio 0.0001	WLCSP25 (0.4 pitch)
<u>ETQ5228M*</u>	2CH SPDT Audio Switch for Automotive	1.65~5.5	<0.5	<0.5	-2~V _{CC}	0.5	130	-70	-85	0.06	MSOP10

Analog Switch

Part No.	Features	V _{CC} (V)	I _{CC} (μA)	I _{OFF} (μA)	V _{IS} (V)	R _{ON} (Ω)	BW@-3dB (MHz)	V _{ISO} (dB)	X _{TALK} (dB)	THD(%)	Package
ET3328	1CH SPDT Switch	1.65~5.5	5	0.01	0~V _{CC}	0.1	65	-50	-	-	QFN14 (1.4×1.8)
ET32123	1CH SPST Audio Switch with Negative	2.3~5.5	80	1	-3~18	0.085	150	-95	-	0.0003	FCDFN6 (1.2×1.5)
☆ET7222	1CH DPDT USB Switch	1.65~4.7	<1	<1	0~V _{CC}	6	750	-25@250MHz	-37@250MHz	-	QFN10L (1.8×1.4)
ET7228	1CH DPDT USB Switch	1.65~4.5	<1	<1	0~V _{CC}	6	900	-30@250MHz	-45@250MHz	-	QFN10L (1.8×1.4)
ET7229	1CH DPDT USB Switch	1.65~4.5	<1	<1	0~V _{CC}	6	900	-30@250MHz	-45@250MHz	-	QFN10L (1.8×1.4)
ET7429	2CH SPDT USB Switch with OVP	2.7~5.5	30	1	0~3.6	6	1000	-90 -28@240MHz	-90	-	WLCSP12 (0.4 pitch)
ET74752	1CH DPDT USB Switch with OVP	2.3~5.5	32	0.1	0~3.6	7.6	1000	-60	-60	-	QFN10L (1.8×1.4) QFN10L (2.0×1.5)
ET3550	4PST Normally Closed Depletion Type Isolation Switch	1.6~3.0	40	0.5	-5~5	0.5	200	-90	-85	0.002	WLCSP12 (0.4 pitch)
☆ET3157	1CH SPDT Switch	1.8~5.5	<1	<0.1	0~V _{CC}	3.0	250	-57	/	0.01	DFN6 (1.0×1.45) SC70-6/SOT23-6
ET2467	2CH DPDT Switch	1.65~4.7	<1	<0.5	0~V _{CC}	0.8	50	-62	-62	0.01	QFN16L (2.8×1.8) QFN16 (3.0×3.0)
^ET3856	1CH DP3T Switch	1.4~4.3	<0.5	<0.5	0~V _{CC}	0.6	50	-82	-84	0.03	QFN12L (2.2×1.4)
ET74HC4852	1CH DP4T CMOS Analog Signal	2.5~5.5	<1	<1	0~V _{CC}	48	180	-83	-90	0.7	QFN16 (3.0×3.0) SOP16
ET74HC4851	1CH SP8T CMOS Analog Signal	2.5~5.5	<1	<1	0~V _{CC}	48	180	-83	-90	0.7	QFN16 (3.0×3.0) SOP16
ET5224Y	2CH SPDT Audio Switch	1.8~5.5	<1	<0.5	0~V _{CC}	0.4	30	-65	-83	0.14	DFN10 (3.0×3.0)
ET5228A	2CH SPDT Audio Switch with Low V _{IH}	1.65~5.5	<0.5	<0.5	-2~V _{CC}	0.5	65	-70	-72	0.06	QFN10L (1.8×1.4)
ET5229H	2CH SPDT Audio Switch with Low V _{IH}	1.65~5.5	<0.5	<0.5	-2.5~V _{CC}	0.6	65	-65	-90	0.06	QFN10L (1.8×1.4)
ET44599	1CH Dual DPDT Analog Switch	1.8~5.5	<1	<1	0~V _{CC}	4	300	-80	-100	0.001	QFN16L (3.0×3.0)

Level Shifter

Part No.	Features	Channel	V _{CCA} (V)	V _{CCB} (V)	Data Rate	I _{CC} (μA)	Direction	Logic Output	Package
ET5014	4 Bit Level Shifter	4	1.2~5.0	1.2~5.0	100 Mbps	<2.5	Bidirectional	Push-Pull	QFN12/QFN14
<u>ET5014AM</u>	4 Bit Level Shifter	4	1.1~5.0	1.1~5.0	100 Mbps	<5.0	Bidirectional	Push-Pull	QFN12
☆ET5014L	4 Bit Level Shifter	4	1.08~5.0	1.08~5.0	100 Mbps	<1.0	Bidirectional	Push-Pull	QFN12
ET2102	2 Bit Level Shifter for I ² C	2	1.65~5.5	1.65~5.5	1/14 Mbps	<5	Bidirectional	Open-Drain/Push-Pull	QFN8/DFN8/SOT23-8
☆ET2104	2 Bit Level Shifter for I ² C	4	1.65~5.5	1.65~5.5	1/14 Mbps	<5	Bidirectional	Open-Drain/Push-Pull	WLCSP12 (0.5 Pitch) QFN12/TSSOP14
ET4557	SIM Card Level Shifter	3	1.08~1.98	1.62~3.6	10 MHz	<10	Fixed/Bidirectional	Push-Pull	QFN10
ET4559*	SIM Card Level Shifter	3	1.08~1.98	1.62~3.6	10 MHz	<10	Fixed/Bidirectional	Push-Pull	FOWLP9
ET4857	SD Card Level Shifter	6	1.1~2.0	2.9~3.6	204 MHz	<100	Bidirectional	Push-Pull	WLCSP20 (0.4 Pitch)
ET74LVCH8T245	8 Bit GPIO Level Shifter	8	1.65~5.5	1.65~5.5	100 Mbps	<20	Configurable	Push-Pull	SSOP24/TSSOP24/QFN24
<u>ETQ74LVCH8T245</u>	8 Bit GPIO Level Shifter	8	1.65~5.5	1.65~5.5	100 Mbps	<20	Configurable	Push-Pull	TSSOP24/QFN24
☆ET74AVCH8T245	8 Bit GPIO Level Shifter	8	1.2~3.6	1.2~3.6	200 Mbps	<70	Configurable	Push-Pull	QFN24
<u>ETQ74AVCH8T245*</u>	8 Bit GPIO Level Shifter	8	1.2~3.6	1.2~3.6	200 Mbps	<70	Configurable	Push-Pull	QFN24
☆ET74AVCH4T245	4 Bit GPIO Level Shifter	4	1.2~3.6	1.2~3.6	200 Mbps	<70	Configurable	Push-Pull	TSSOP16
☆ETF0102	2 Bit GPIO Level Shifter	2	0.95~3.3	1.8~5.0	100 Mbps	0.1	Bidirectional	Open-Drain	DFN8 (1.4×1.0)
ETS0104*	4 Bit Level Shifter for Open-Drain and Push-Pull Applications	4	1.65~3.6	2.3~5.5	2/24 Mbps	1	Bidirectional	Open-Drain/Push-Pull	QFN14/TSSOP14
ETS0108	8 Bit Level Shifter for Open-Drain and Push-Pull Applications	8	1.65~3.6	2.3~5.5	2/24 Mbps	1	Bidirectional	Open-Drain/Push-Pull	QFN20/TSSOP20
ET74AVCH1T45	1 Bit GPIO Level Shifter	1	1.2~3.6	1.2~3.6	500 Mbps	<11.5	Configurable	Push-Pull	SC70-6
ET74AVCH2T45	2 Bit GPIO Level Shifter	2	1.2~3.6	1.2~3.6	500 Mbps	<11.5	Configurable	Push-Pull	TSSOP8

I/O Expander

Part No.	Features	Number of I/Os	V _{CCA} (V)	V _{CCB} (V)	Addresses	Level Shifter	Reset Input	Package
☆ET6408Y	8 Bit I ² C-Bus/SM Bus I/O Expander	8	1.65~5.5	1.65~5.5	Y	Y	Y	QFN16 (3.0×3.0)
☆ET6416	16 Bit I ² C-Bus/SM Bus I/O Expander	16	1.65~5.5	1.65~5.5	Y	Y	Y	VFBGA24 (3.0×3.0)
ET64B16V	16 Bit I ² C-Bus/SM Bus I/O Expander	16	1.65~5.5	–	Y	N	Y	TSSOP24
<u>ET64B16VAM</u>	16 Bit I ² C-Bus/SM Bus I/O Expander	16	1.65~5.5	–	Y	N	Y	TSSOP24
ET64C16	16 Bit I ² C-Bus/SM Bus I/O Expander	16	1.65~5.5	–	Y	N	N	TSSOP24 QFN24 (4.0×4.0)
<u>ET64C16YAM</u>	16 Bit I ² C-Bus/SM Bus I/O Expander	16	1.65~5.5	–	Y	N	N	QFN24 (4.0×4.0)

OPA

Part No.	Features	V _{CC} (V)	I _O /Amp (μA)	V _{OS} (μV)	ΔV _{OS} /ΔT (μV/°C)	I _B (nA)	GBP (MHz)	SR (V/μs)	E _n @0.1~10Hz (μV _{PP})	e _n @1kHz (nV/√Hz)	Package
ET85001D/E/EA/SC/SCA/M	1CH General Operational Amplifier	1.8~5.5	60	±400	±0.6	±0.005	1	2	4.7	30	DFN4 (0.8×0.8)/SOT23-5/SC70-5/SOP8
ET85002M/U	2CH General Operational Amplifier	1.8~5.5	60	±400	±0.6	±0.005	1	2	4.7	30	SOP8/MSOP8
ET85004V	4CH General Operational Amplifier	1.8~5.5	60	±400	±0.6	±0.005	1	2	4.7	30	TSSOP14
ET358M/U/Y1	2CH General Operational Amplifier	2.1~5.5	60	±800	±2.7	±0.01	1	0.6	6	25	SOP8/MSOP8/DFN8 (2.0×2.0)
ET85201E/EA	1CH 20MHz Operational Amplifier	1.8~5.5	1500	±40	±1.5	±0.001	20	10	2.8	8.5	SOT23-5
ET85202M	2CH 20MHz Operational Amplifier	1.8~5.5	1500	±40	±1.5	±0.001	20	10	2.8	8.5	SOP8
ET85302M/U/Y	2CH 17μA Operational Amplifier	1.8~5.5	17	±2	±0.02	±0.07	0.35	0.16	1.1	55	SOP8/MSOP8/DFN8
ET85501E/EA/M	1CH Zero-Drift Operational Amplifier	2.7~5.5	770	±1	±0.005	±0.02	1.5	0.5	1.6	75	SOT23-5/SOP8
ET85502M/U	2CH Zero-Drift Operational Amplifier	2.7~5.5	770	±1	±0.005	±0.02	1.5	0.5	1.6	75	SOP8/MSOP8
ET85511E/EA	1CH Zero-Drift Operational Amplifier	2.1~5.5	220	±2	±0.03	±0.1	2	0.8	0.55	30	SOT23-5
ET85522M	2CH Zero-Drift Operational Amplifier	2.5~5.5	2100	±0.5	±0.02	±0.03	10	5	0.18	9	SOP8

OPA

Part No.	Features	V _{CC} (V)	I _Q /Amp (μA)	V _{OS} (μV)	ΔV _{OS} /ΔT (μV/°C)	I _B (nA)	GBP (MHz)	SR (V/μs)	E _n @0.1~10Hz (μV _{PP})	e _n @1kHz (nV/√Hz)	Package
ET85601E/EA/SC/SCA/M/U	1CH 10MHz Operational Amplifier	1.8~5.5	550	±300	±0.5	±0.001	10	6	4.7	16	SOT23-5/SC70-5/SOP8/MSOP8
ET85602M/U/E	2CH 10MHz Operational Amplifier	1.8~5.5	550	±300	±0.5	±0.001	10	6	4.7	16	SOP8/MSOP8/TSOT23-8
ET85604M/V	4CH 10MHz Operational Amplifier	1.8~5.5	550	±300	±0.5	±0.001	10	6	4.7	16	SOP14/TSSOP14
ET85702M	2CH 250MHz Operational Amplifier	2.5~5.5	3200	±1500	±4	±0.001	250	180	–	–	SOP8
ET85704V	4CH 250MHz Operational Amplifier	2.5~5.5	3200	±1500	±4	±0.001	250	180	–	–	TSSOP14
ET85902M/U	2CH 36V General Operational Amplifier	2.7~36	450	±250	±0.3	±0.008	3	1.5	3	25	SOP8/MSOP8
ET85904M/V	4CH 36V General Operational Amplifier	2.7~36	450	±250	±0.3	±0.008	3	1.5	3	25	SOP14/TSSOP14
ET85911M	1CH 40V Zero-Drift Operational Amplifier	4.5~40	2400	±15 (Max)	±0.05	±0.1	12	12.5	0.2	6	SOP8
ET85912M	2CH 40V Zero-Drift Operational Amplifier	4.5~40	2400	±15 (Max)	±0.05	±0.1	12	12.5	0.2	6	SOP8
ET85932M	2CH 36V 15V/μs Operational Amplifier	3~36	700	±100	±2	±0.025	3.5	15	1.5	30	SOP8
<u>ETQ85602M</u>	Automotive-Grade 2CH 10MHz Operational Amplifier	1.8~5.5	550	±300	±0.5	±0.001	10	6	4.7	16	SOP8
<u>ETQ85604M</u>	Automotive-Grade 4CH 10MHz Operational Amplifier	1.8~5.5	550	±300	±0.5	±0.001	10	6	4.7	16	SOP14
LM358M	2CH 36V Bipolar Operational Amplifier	3~36	250	±2000	±7	±20	0.7	0.3	–	70	SOP8
ET85B11EA/EA	1CH 36V Industry-Standard Operational Amplifiers	3~36	250	±2000	±7	±20	0.7	0.3	–	40	SOT23-5
ET85B12M	2CH 36V Industry-Standard Operational Amplifier	3~36	250	±2000	±7	±20	0.7	0.3	–	40	SOP8
ET85B14M	4CH 36V Industry-Standard Operational Amplifier	3~36	250	±2000	±7	±20	0.7	0.3	–	40	SOP14
ET856S1MA	1CH 18V low noise Operational Amplifier	2.25~18	5500	±25	±0.3	±40	43	27	–	4	SOP8
ET856S2MA	2CH 18V low noise Operational Amplifier	2.25~18	10000	±25	±0.3	±40	43	27	–	4	SOP8
ET852S1MA	1CH 18V high presion Operational Amplifier	2.25~18	2800	±25	±0.3	±30	20	12	–	2	SOP8
ET852S2MA	2CH 18V high presion Operational Amplifier	2.25~18	5400	±25	±0.3	±30	20	12	–	2	SOP8

Hall IC

Part No.	Features	V _{IN} (V)	I _Q (μA)	Output Channel	Output Logic	Output Form	Magnetic Sensitivity (mT)	Operating Cycle (ms)	Package
☆ET3712A30XX	Hall Switch Omni / N / S Polar	1.6~5.5	2~16	1	L	CMOS Open-Drain	±3.0	0.1/5.70/50.5	DFN4 (1.2×1.6)/TO-92S SOT23-3/SOT23-5/SOT-553
ET3712A30CDCLG	Hall Switch Omni Polar	1.6~5.5	1000	1	L	CMOS	±3.0	0.1	SOT23-5
ET3712A31	Hall Switch Omni Polar	1.6~3.5	12	1	L	CMOS	±3.0	5.7	DFN4 (1.2×1.6)
ET3712A32	Hall Switch Omni Polar	1.6~3.5	12	1	L	Open-Drain	±3.0	5.7	DFN4 (1.2×1.6)
ET3712A45XX	Hall Switch Omni / N / S Polar	1.6~5.5	2	1	L	CMOS	±4.5	50.5	SOT23-3/DFN4 (1.2×1.6) SOT553
ET3712A70	Hall Switch Omni Polar	1.6~3.5	12	1	L	CMOS	±7.0	5.7	DFN4 (1.2×1.6)
ET3713	Omnipolar Independent dual Output	1.6~5.5	2.5	2	L	CMOS	±2.5	50	DFN4 (1.4×1.1)
ET3713B30	Omnipolar Independent dual Output	1.6~5.5	2.5	2	L	CMOS	±3.0	50	DFN4 (1.0×1.0)
ET3715A30	Ultra-Low Voltage Hall Switch Omni Polar	1.0~3.5	12	1	L	CMOS	±3.0	5.7	DFN4 (1.0×1.0)
ET3716	Polar Selectable Hall Effect Switch IC	1.6~3.5	12	1	L	CMOS	±2.0	5.7	DFN4 (1.2×1.6)
ET3718AXX	Nano Power Hall-Effect Switch IC	1.65~5.5	0.5	1	L	CMOS Open-Drain	±2.5/±3.0	50	DFN4 (1.2×1.6) DFN4 (1.0×1.0)
ET3718A35SCD	Nano Power Hall-Effect Switch IC	1.65~5.5	0.5	1	L	CMOS	±3.5	50	DFN4 (1.2×1.6)
ET3718A35SCE	Nano Power Hall-Effect Switch IC with thermal PAD	1.65~5.5	0.5	1	L	CMOS	±3.5	50	DFN4 (1.2×1.6)
ET3720	Built in Hall Sensor Single-phase Full-Wave Motor Driver	2.2~4.5	1500	2	–	–	±3.5	–	WLCSP4 (0.4 Pitch)
ET3725A30	Ultra-Low Voltage Operation Omnipolar Detection Type Hall Effect Switch IC	1.0~3.5	12	2	L	CMOS	±3.0	5.7	DFN4 (1.0×1.0)

Comparator

Part No.	Features	V _{CC} (V)	I _Q (μA)	V _{HYS} (mV)	V _{OS} (mV)	V _{OH} (V)	t _{PLH} (μs)	t _{PHL} (μs)	Logic Output Type	Package
ET8202	High Performance Comparator	1.5~5.5	10	4	±1	V _{CC} - 0.15	0.6	1	Push-Pull	DFN6 (1.5×1.0) DFN6 (1.45×1.0)
LMV331E	1CH 5V General Comparator	1.8~5.5	32	3	±1	-	-	0.1	Open-Drain	SOT23-5
LMV393M/U	2CH 5V General Comparator	1.8~5.5	32	3	±1	-	-	0.1	Open-Drain	SOP8/MSOP8
ET8903M/U	2CH 36V General Comparator	2~36	280	3	±1	-	-	0.24	Open-Drain	SOP8/MSOP8
ET8901M/V	4CH 36V General Comparator	2~36	280	3	±1	-	-	0.24	Open-Drain	SOP14/TSSOP14

Reference

Part No.	Features	Channel	V _{KA} (V)	V _{REF} (V)	I _{REF} (μA)	I _{KA_Min} (μA)	I _{KA_Off} (μA)	Z _{KA} (Ω)	Package
ET431B/432B	Three-terminal Adjustable Shunt Regulator	1	V _{REF} ~36	2.495	1	0.3	0.1	0.5	SOT23-3

SIGNAL CHAIN

Logic Series

Buffer, Driver and Transceiver

Part No.	V _{CC} (V)	Features	Package
ET74AHCT1G125	4.5~5.5	Single Bus Buffer Gate with 3-State Output	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G04	0.8~3.6	Single Inverter Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G125	0.8~3.6	Single Non-Inverting Buffer Active L	SOT23-5/SC70-5
ET74AUP1G126	0.8~3.6	Low-Power Single Bus Buffer Gate with 3-State Output	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74AUP1G14	0.8~3.6	Low-Power Single Schmitt-Trigger Inverter	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G17	0.8~3.6	Low-Power Single Schmitt-Trigger Buffer	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G34	0.8~3.6	Low-Power Single Buffer Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP2G04	0.8~3.6	Low-Power Dual Inverter Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74AUP2G14	0.8~3.6	Low-Power Dual Inverter with Schmitt trigger	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74AUP2G17	0.8~3.6	Low-Power Dual Schmitt trigger buffer	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74AUP2G34	0.8~3.6	Low-Power Dual Buffer gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74HC04	2.0~6.0	Hex Inverters	SOP14
ET74HC14	2.0~6.0	Hex Inverter with Schmitt Trigger	SOP14/TSSOP14
<u>ETQ74HC14*</u>	2.0~6.0	Hex Inverter with Schmitt Trigger	SOP16
ET74HC245	2.0~6.0	Octal Bus Transceivers with 3-State Outputs	QFN20/TSSOP20
ET74HCT541	4.5~5.5	Octal Buffers/Drivers with 3-State Outputs	TSSOP20
<u>ETQ74HCT541*</u>	2.0~6.0	Octal buffer/line driver, 3-state	TSSOP20/SOP20
ET74LCX244	2.3~5.5	8-Ch Buffers with 3-State Outputs	QFN20/TSSOP20 SOP20

Part No.	V _{CC} (V)	Features	Package
ET74LV1T34*	1.65~5.5	Single-Supply Translating Buffer Gate	SOT23-5
<u>ETQ74LV1T34*</u>	1.65~5.5	Single-Supply Translating Buffer Gate	SOT23-5
ET74LV541	2~5.5	Octal Buffers/Drivers with 3-State Outputs	TSSOP20/SOP20
ET74LVC04A*	1.65~5.5	Hex Inverters	SOP14/TSSOP14
ET74LVC06A*	1.65~5.5	Hex inverter buffer/driver with open drain outputs	SOP14/TSSOP14
ET74LVC07A	1.65~5.5	Hex inverter buffer/driver with open drain outputs	TSSOP14
ET74LVC125A	1.65~5.5	Quadruple Non-Inverting Buffer, Active L	TSSOP14/QFN14
ET74LVC14A*	1.65~5.5	Hex Schmitt trigger inverter	SOP14/TSSOP14
ET74LVC17A	1.65~5.5	Hex Schmitt trigger buffer	SOP14
ET74LVC1G04	1.65~5.5	Single Inverter Gate	SC70-5/SOT23-5 DFN6 (1.0×1.0)
<u>ETQ74LVC1G04*</u>	1.65~5.5	Single Inverter Gate	SC70-5/SOT23-5 DFN6 (1.0×1.0)
ET74LVC1G06	1.65~5.5	Single Inverter with Open Drain Output	SC70-5
ET74LVC1G07	1.65~5.5	Single Non-Inverting Buffer Open Drain	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G125	1.65~5.5	Single Non-Inverting Buffer Active L	SC70-5/SOT23-5 DFN6 (1.0×1.5)/SOT553
<u>ETQ74LVC1G125*</u>	1.65~5.5	Single Non-Inverting Buffer Active L	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G126	1.65~5.5	Single Non-Inverting Buffer Active H	SC70-5/SOT23-5 DFN6 (1.0×1.5)
<u>ETQ74LVC1G126*</u>	1.65~5.5	Driver with 3-State Output	SC70-5/SOT23-5 DFN6 (1.0×1.5)

☆: Recommended Products

ETXXXX: AEC-Q100 Qualified

*: Underdeveloped Products

^: Not Recommended for New Design

Buffer, Driver and Transceiver

Part No.	V _{CC} (V)	Features	Package
ET74LVC1G14	1.65~5.5	Single Inverter with Schmitt Trigger	SC70-5/SOT23-5
<u>ETQ74LVC1G14*</u>	1.65~5.5	Single Inverter with Schmitt Trigger	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G16	1.65~5.5	Inverting Buffer with Schmitt-Trigger Input and Open-Drain Output	SOT23-5/SC70-6 DFN6 (1.0×1.5)
ET74LVC1G17	1.65~5.5	Single Schmitt Trigger Buffer	SC70-5/SOT23-5
<u>ETQ74LVC1G17</u>	1.65~5.5	Single Schmitt Trigger Buffer	SC70-5
ET74LVC1G34	1.65~5.5	Single Buffer Gate	SC70-5/SOT23-5
ET74LVC2G04	1.65~5.5	Dual Inverter Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
<u>ETQ74LVC2G04*</u>	1.65~5.5	Dual Inverter	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC2G07	1.65~5.5	Dual Buffer with Open Drain Output	SC70-6/SOT23-6
ET74LVC2G125*	1.65~5.5	Dual Bus Buffer Gate with 3-State Outputs	VSSOP8/SSOP8
ET74LVC2G126*	1.65~5.5	Dual Bus Buffer Gate with 3-State Outputs	VSSOP8/SSOP8
ET74LVC2G14	1.65~5.5	Dual Inverter with Schmitt Trigger	SC70-6
ET74LVC2G16*	1.65~5.5	Dual Buffer Gate	SC70-6
ET74LVC2G17	1.65~5.5	Dual Schmitt Trigger Buffer	SC70-6
ET74LVC2G240*	1.65~5.5	Dual Buffer Driver with 3-State Outputs	VSSOP8/SSOP8
ET74LVC2G241*	1.65~5.5	Dual Buffer and Driver with 3-State Outputs	VSSOP8/SSOP8
ET74LVC2G34	1.65~5.5	Dual Buffer Gate	SC70-6/DFN6 (1.0×1.5)
ET74LVC34A*	1.65~5.5	Hex Buffer	SOP14/TSSOP14
ET74LVC3G17	1.65~5.5	Triple Schmitt-Trigger Buffer	SOP8/TSSOP8
ET74LVCSZ17	1.65~5.5	Single Non-Inverting Schmitt Trigger Buffer	SC70-5

Gates

Part No.	V _{CC} (V)	Features	Package
ET74AHCT1G08	4.5~5.5	Single 2-Input Positive-AND Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
<u>ETQ74AHCT1G08*</u>	2.0~5.5	2-input AND gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AHCT1G86	4.5~5.5	Single 2-Input XOR Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G00	0.8~3.6	Single 2-Input Positive-NAND Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G08	0.8~3.6	Low-Power Single 2-Input AND Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74AUP1G32	0.8~3.6	Low-Power Single 2-Input OR Gate	SC70-5/DFN6 (1.0×1.5) DFN6 (1.0×1.0)
<u>ETQ74AUP1G32*</u>	0.8~3.6	Low-power 2-input OR-gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74HC86	2~5.5	Quadruple 2-Input Exclusive-Or Gates	SOP14
ET74HCT86	4.5~5.5	Quadruple 2-Input XOR Gates	SOP14/TSSOP14
ET74LVC00A	1.65~5.5	Quadruple 2-Input Positive-NAND Gates	SOP14/TSSOP14
ET74LVC08A	1.65~5.5	Quadruple 2-Input Positive-AND Gates	SOP14/TSSOP14
ET74LVC1G00	1.65~5.5	Single Channel 2-Input Nand Gate	SC70-5/DFN6 (1.0×1.5)
<u>ETQ74LVC1G00*</u>	1.65~5.5	Single Channel 2-Input Nand Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G02	1.65~5.5	Single 2-Input NOR Gate	SC70-5/DFN6 (1.0×1.5)
<u>ETQ74LVC1G02*</u>	1.65~5.5	Single 2-Input NOR Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G08	1.65~5.5	Single 2-Input AND Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
<u>ETQ74LVC1G08</u>	1.65~5.5	Single 2-Input AND Gate	SC70-5
ET74LVC1G0832	1.65~5.5	Single 3-Input Positive AND-OR Gate	SC70-6/SOT23-6
ET74LVC1G10	1.65~5.5	Single 3-Input Positive-NAND Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC1G11	1.65~5.5	Single 3-Input Positive-AND Gate	SC70-6

Gates

Part No.	V _{CC} (V)	Features	Package
<u>ETQ74LVC1G11*</u>	1.65~5.5	Single 3-Input Positive AND Gate	SC70-5
ET74LVC1G132	1.65~5.5	Single 2-Input NAND Gate with Schmitt-Trigger Inputs	SOT23-5/SC70-5
ET74LVC1G27	1.65~5.5	3-Input Positive-NOR Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC1G32	1.65~5.5	Single 2-Input OR Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
<u>ETQ74LVC1G32*</u>	1.65~5.5	Single 2-Input OR Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
<u>ET74LVC1G32AM</u>	1.65~5.5	Single 2-Input OR Gate	SC70-5
ET74LVC1G3208	1.65~5.5	Single 3-Input Positive OR-AND Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC1G332	1.65~5.5	Single 3-Input Positive-OR Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC1G57	1.65~5.5	Configurable Multiple Function Gate	SOT23-6/DFN6 (1.0×1.0) DFN6 (1.0×1.5)
ET74LVC1G58	1.65~5.5	Low-Power Configurable Multiple Function Gate	SOT23-6/SOT363
ET74LVC1G86	1.65~5.5	Single 2-Input XOR Gate	SC70-5/SOT23-5 DFN6 (1.0×1.5)
ET74LVC1G97	1.65~5.5	Configurable Multiple-Function Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC1G98	1.65~5.5	Configurable Multiple-Function Gate	SC70-6/SOT23-6 DFN6 (1.0×1.5)
ET74LVC2G00*	1.65~5.5	Dual 2-Input Positive-NAND Gate	SSOP8/VSSOP8
ET74LVC2G02*	1.65~5.5	Dual 2-Input Positive-NOR Gate	VSSOP8
ET74LVC2G08*	1.65~5.5	Dual 2-Input Positive-AND Gate	SSOP8/VSSOP8
ET74LVC2G32*	1.65~5.5	Dual 2-Input Positive-OR Gate	SSOP8/VSSOP8
ET74LVC2G38*	1.65~5.5	Dual 2-Input NAND Gate with Open-Drain Outputs	SSOP8/VSSOP8
ET74LVC2G86*	1.65~5.5	Dual 2-Input XOR Gate	SSOP8/VSSOP8

Trigger, Latch and Register

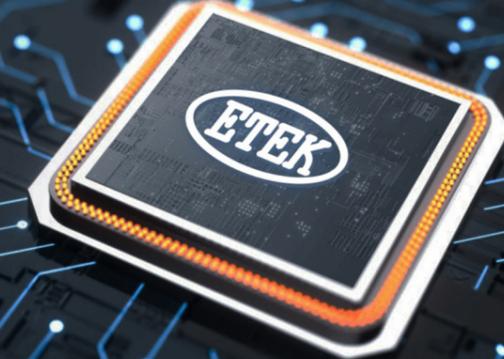
Part No.	V _{CC} (V)	Features	Package
ET74HC164	2.0~6.0	8-Bit Parallel-Out Serial Shift Registers	SOP14/TSSOP14
ET74HC573	2.0~6.0	Octal Transparent D-Type Latches	TSSOP20
ET74HC595	2.0~6.0	8-Bit Shift Registers with 3-State Output Registers	SOP16/TSSOP16/DIP16
ET74LVC1G175	1.65~5.5	Single D-Type Flip-Flop with Asynchronous Clear	SOT23-6/SC70-6
ET74LVC1G74	1.65~5.5	Single-Way Rising Edge Trigger Class D Trigger with Zero Clear And Preset Functions	MSOP8
ET74LVC1G79	1.65~5.5	Single Positive Edge Triggers The D-Trigger	SOT23-5
<u>ETQ74LVC1G79*</u>	1.65~5.5	Single D-type flip-flop Positive-edge Trigger	SC70-5
ET74LVC1G80	1.65~5.5	Single Positive Edge Triggers The D-Trigger	SOT23-5

Switch and Multiplexer

Part No.	V _{CC} (V)	Features	Package
ET74HC138	2.0~6.0	3-To-8 Line Decoder/Demultiplexer	TSSOP16
ET74HC238	2.0~6.0	3-To-8 Line Decoder/Demultiplexer	SOP16/TSSOP16
ET74LVC1G19	1.65~5.5	1-of-2 Decoder and Demultiplexer	SC70-5/SOT23-5 DFN6 (1.0×1.5)

DISCRETE DEVICE

MOSFET



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Part No.	Channel	Type	V _{(BR)DSS} (V)	I _D (A)	V _{GS} (V)	V _{TH} (V)	R _{DS(ON)} @V _{GS} =4.5V(mΩ)	R _{DS(ON)} @V _{GS} =10V(mΩ)	Package
EM02N08F	1	N	20	0.75	±10	0.75	190	–	DFN1006-3L
EM02P06FM	1	P	-20	0.66	±10	-0.6	450	–	DFN1006-3L
EM02P18F	1	P	-20	1.8	±10	-0.7	112	–	DFN1006-3L
EM03N09FX	1	N	30	0.93	±12	1	320	–	DFN1006-3L
EM03N06FX	1	N	60	0.34	±20	1.3	1.4Ω	1.3Ω	DFN1006-3L
EM02N08H	1	N	20	0.75	±10	0.75	190	–	SOT-723
EM02N31M	1	N	20	3.1	±8	0.75	33	–	SOT-23
EM02N70M	1	N	20	7	±10	0.75	14	–	SOT-23
EM02P26M	1	P	-20	2.6	±8	-0.6	48	–	SOT-23
EM03N32M	1	N	30	3.2	±20	1.5	42	32	SOT-23
EM03N58M	1	N	30	5.8	±12	1	26	23	SOT-23
EM04P50M	1	P	-40	5	±20	-1.5	84	68	SOT-23
EM06N03M	1	N	60	0.34	±20	1.5	1.4Ω	1.3Ω	SOT-23
EM06N30M	1	N	60	3	±20	1.3	88	75	SOT-23
EM14DN30Z	2	N	30	14	±20	1.5	8.5	6.5	WLCSP22L (2.0×2.0)
EMR13N02TS	1	N	20	13	±12	0.75	7.8	–	DFN2020-6L
EMR12P02T1	1	P	-20	11.5	±12	-0.65	12.5	–	DFN2020-6L

MOSFET

Part No.	Channel	Type	V _{(BR)DSS} (V)	I _D (A)	V _{GS} (V)	V _{TH} (V)	R _{DS(ON)} @V _{GS} =4.5V(mΩ)	R _{DS(ON)} @V _{GS} =10V(mΩ)	Package
EMR12N03TC	1	N	30	12	±20	1.5	9	6.5	DFN2020-6L
EMR12N03T1	1	N	30	12	±20	1.6	10	6.8	DFN2020-6L
EMR13N03M	1	N	30	12.5	±12	0.75	9	8.5	DFN2020-6L
EMR14N03CB	1	N	30	13.8	±20	1.6	7.5	5.7	DFN2020-6L
EMR05N03LB	1	N	30	17	±20	1.6	6	4.2	DFN2020-6L
EM03P115R	1	P	-30	11.5	±20	-1.6	21	15	DFN2020-6L
EMQ40N03T1	1	N	30	40	±20	1.6	6.5	4.3	PDFN3030-8L
EMQ40N03C	1	N	30	40	±20	1.6	5	3.9	PDFN3030-8L
EMQ40DN03T1	2	N	30	40	±20	1.6	10.5	7	PDFN3030-8L
EMQ42P03T1	1	P	-30	42	±20	-1.7	11	8	PDFN3030-8L
EMS12P03T1	1	P	-30	11.5	±20	-1.8	11	8.2	SOP-8
EM03DP50A	2	P	-30	5	±20	-1.5	57	42	SOP-8
EMQ16N10TS	1	N	100	16	±20	1.7	60	44.5	PDFN3030-8L

Discrete Device

Discrete Device