

High Efficiency and Flexibility Industrial ICs

DC/DC Power Supply Control IC

The power range up to 40W, widely used in various applications such as automotive, ESS, electricity meters, industrial control, IoT, EV charging, telecommunications, medical equipment, security systems and inverters.



Series	Power /Output current	Input Voltage	Fsw(kHz)	Topology	Package
SCM1101AMA	/	9-75VDC	480	Flyback	MSOP-8
SCM1102CMA	/	4-36VDC	500	Flyback	MSOP-8
SCM1103CMA	/	9-75VDC	500	Flyback	MSOP-8
SCM1201BTA	≤2W	2.7-5.5VDC	245	Push-pull	TSOT-23-6
SCM1208BTA	≤1W	4-6VDC	300	Full-bridge	SOT-23-6
SCM1209ATA	≤3W	9-24VDC	282	Push-pull	TSOT-23-6
SCM1212BTA	≤2W	2.7-5.5VDC	245	Push-pull	SOT-23-5
SCM1212BTA-Q	≤2W	2.7-5.5VDC	245	Push-pull	SOT-23-5
SCM2306ATA	≤1W	4-7VDC	/	Full-bridge	SOT-23-6

AC/DC Power Supply Control IC

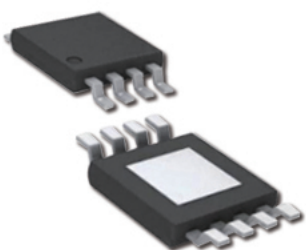
The power range up to 60W. It is widely used in various industries, including consumer electronics chargers/adapters, set-top boxes, and industrial control, IoT, monitoring, electric power, home appliances, etc.



Series	Power /Output current	Input Voltage	Fsw(kHz)	Topology	Package
SCM1707ASA	≤10W	18-305VAC/18-430VDC	110	Flyback	SOP-8
SCM1710BSA	≤60W	/	110	Flyback	SOP-8
SCM1733ASA	≤20W	/	70	Flyback	SOP-8
SCM1738ASA	≤8W	/	110	Flyback	SOP-7

Non-isolated Buck Control IC

Widely used in non-isolated separated power solutions for smart meters, smart homes, smart buildings, industrial automation, railways, white goods, etc.



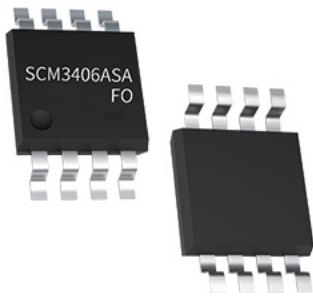
Series	Power /Output current	Input Voltage	Fsw(kHz)	Topology	Package
SCM1301ATA	≤1A	4.5-40VDC	850	Buck	SOT23-6
SCM1302ASA	≤2A	4.5-40VDC	550	Buck	eSOP-8
SCM1316AFA	≤6A	7-38VDC	300	Buck	QFN5*5-20
SCM1331ASA	≤2A	4.5-40VDC	1500	Buck	eSOP-8
SCM1110ASA	≤3A	4.5-36VDC	200	Buck	eSOP-8
SCM1111A	3W	6.5-36VDC	200	Buck	DFN_8L



High Efficiency and Flexibility Industrial ICs

Transceiver IC

They are highly reliable, compact, cost-effective, and feature international standard packages. They are commonly used in industrial automation, building automation, smart meters, automotive, and other applications that require 485/CAN communication.



Series	Type	Input Voltage	Transmission speed	Bus-pin Fault Protection	Package
SCM3406AFA	RS485	3-5.5VDC	10M	-15V to +15V	DFN3x3
SCM3406ASA	RS485	3-5.5VDC	10M	-15V to +15V	SOP-8
SCM3421BSA	CAN	5VDC	5M	-30V to +30V	SOP-8
SCM3422BSA	CAN	5VDC	5M	-58V to +58V	SOP-8
SCM3425AFA	CAN	3-5.5VDC	5M	-42V to +42V	DNF
SCM3425ASA	CAN	3-5.5VDC	5M	-42V to +42V	SOP-8

Digital Isolator IC

Featuring a CMTI of up to 150kV/us, power consumption as low as 0.55mA/channel, supports 3.0V to 5.5V signal level conversion.

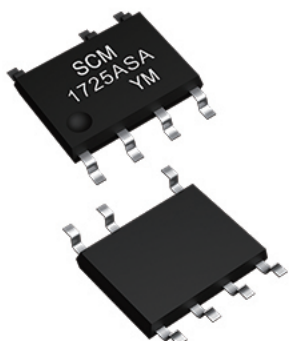
Suitable for IoT, communication, railway, industrial control, security, electric power, and other applications that need to use digital isolators.



Series	Integrated Power Supply	Input Voltage	Transmission speed	Isolation Voltage	Package	No. of Forward Channel /Reverse Channel
SCM3721ASA	N	3-5.5VDC	150k	3kVrms	SOP-8	1/1
SCM3723ASA	N	3-5.5VDC	150k	3kVrms	SOP-8	2/0
SCM3725ASA	N	3-5.5VDC	10M	3kVrms	SOP-8	1/1
SCM3728ASA	N	3-5.5VDC	10M	3kVrms	SOP-8	2/0
SCM3741ASA	N	2.375-5.5VDC	150M	3kVrms	SOW-16	3/1

Other IC

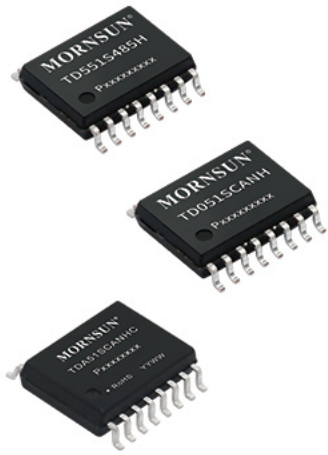
Can be applied to low-side current detection, overcurrent protection, power supply protection, circuit breakers, etc.



Series	Input Voltage	Package	Application
SCM1303AFA	9-36VDC	DFN16L	Output soft start buck converter
SCM1725ASA	/	SOP-7	Expense control switch power control chip
SCM3504C	12.5VDC	SOT8	High Side Gate Driver
SCM3509AGA	3-5.5VDC	LGA5x5-13L	Isolated dual-channel gate driver
SCM3510AGA	7-25VDC	LGA5x5-13L	Isolated dual-channel gate driver
SCM3560ATA	3-24VDC	SOT-23-G	Electromagnetic buzzer drive control chip
SCM4101ATA	/	SOT-223	N-MOS
SCM9301ATA	6-30VDC	SOT23-6	Low-side voltage output current detection amplifier chip
SCM9601ATA	40-700VDC	SOT-23	High voltage start chip
SCM9601BTA	4-100VDC	SOT-23-G	High voltage start chip
SCM9602ATA	40-700VDC	SOT-23	High voltage start chip
SCM9603CTA	4-100VDC	SOT-23	High voltage start chip

Cost-effective and Ultra Compact Size Integrated Isolated RS485/CAN Transceiver

SOIC-package RS232/RS485/CAN Transceiver



Series	Type	Integrated Power Supply	Input Voltage	Baud Rate	Nodes	Package
TD051S422H	422	NO	2.375-5.5VDC 4.5-5.5VDC	20Mbps	256	SOIC
TD551S422H	422	YES	4.5-5.5VDC	20Mbps	256	SOIC
TD551S422HW	422	YES	4.5-5.5VDC	20Mbps	256	SOIC
TD551S485H	485	YES	4.5-5.5VDC	10Mbps	256	SOIC
TDA51S485HC	485	YES	3-5.5VDC	500Mbps	256	SOIC
TD051SCANH	CAN	NO	2.375-5.5VDC 4.5-5.5VDC	5Mbps	110	SOIC
TD551SCANH	CAN	YES	4.5-5.5VDC	5Mbps	110	SOIC
TD551SCANHW	CAN	YES	4.5-5.5VDC	5Mbps	110	SOIC
TDA51SCANHC	CAN	YES	4.5-5.5VDC	1Mbps	110	SOIC

DNF-package RS232/RS485/CAN Transceiver



Series	Type	Integrated Power Supply	Input Voltage	Baud Rate	Nodes	Package
TD041S232H	232	NO	2.375-5.5VDC 4.5-5.5VDC	120kbps	1	DFN
TD341S232H	232	YES	3.15-3.45VDC	120kbps	1	DFN
TD541S232H	232	YES	4.5-5.5VDC	120kbps	1	DFN
TD041S485S-FI	422	NO	2.375-5.5VDC 3-5.5VDC	20Mbps	256	DFN
TD341S485S-F	422	YES	3.15-3.45VDC	20Mbps	256	DFN
TD341S485S-FI	422	YES	3.15-3.45VDC	20Mbps	256	DFN
TD341S485S-FT	422	YES	3.15-3.45VDC	20Mbps	256	DFN
TD541S485S-F	422	YES	4.5-5.5VDC	20Mbps	256	DFN
TD541S485S-FI	422	YES	4.5-5.5VDC	20Mbps	256	DFN
TD541S485S-FT	422	YES	4.5-5.5VDC	20Mbps	256	DFN
TD041S485H	485	NO	2.375-5.5VDC 4.5-5.5VDC	1Mbps	256	DFN
TD041S485H-A	485	NO	2.375-5.5VDC 4.5-5.5VDC	500kbps	256	DFN
TD041S485S	485	NO	2.375-5.5VDC 4.5-5.5VDC	20Mbps	256	DFN
TD341S485H	485	YES	3.15-3.45VDC	1Mbps	256	DFN
TD541S485H	485	YES	4.75-5.25VDC	1Mbps	256	DFN
TD541S485H-A	485	YES	4.5-5.5VDC	500kbps	256	DFN
TD541S485H-S	485	YES	4.5-5.5VDC	10Mbps	256	DFN
TD041SCANH	CAN	NO	2.375-5.5VDC 4.75-5.25VDC	40k-1Mbps	110	DFN
TD041SCANH-S	CAN	NO	2.375-5.5VDC 4.5-5.5VDC	40k-1Mbps	110	DFN
TD341SCAN	CAN	YES	3.15-3.45VDC 2.375-5.5VDC	1Mbps	110	DFN
TD341SCANH	CAN	YES	3.15-3.45VDC	40k-1Mbps	110	DFN
TD541SCANH	CAN	YES	4.75-5.25VDC	1Mbps	110	DFN
TD541SCANH-S	CAN	YES	4.5-5.5VDC	40k-1Mbps	110	DFN
TD041SCANFD	CANFD	NO	2.375-5.5VDC 4.5-5.5VDC	40k-5Mbps	256	DFN
TD541SCANFD	CANFD	YES	4.75-5.25VDC	5Mbps	110	DFN

Cost-effective and Ultra Compact Size Integrated Isolated RS485/CAN Transceiver

SOIC-package Digital Isolator



Series	Type	No. of Channel	Integrated Power Supply	Input Voltage	Transmission speed	Operating Voltage	Package
TDA51S-41HC	digital isolator	4	YES	3-5VDC	150Mbps	High 3.3/5VDC	SOIC

DNF-package Digital Isolator

Series	Type	No. of Channel	Integrated Power Supply	Input Voltage	Transmission speed	Operating Voltage	Package
TD341S-41H5	digital isolator	4	YES	3.15-3.45VDC	150Mbps	High 5VDC	DFN
TD341S-42H5	digital isolator	4	YES	3.15-3.45VDC	150Mbps	High 5VDC	DFN
TD541S-40H3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 3.3VDC	DFN
TD541S-40H5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 5VDC	DFN
TD541S-40L3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-40L5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-41H3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 3.3VDC	DFN
TD541S-41H5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 5VDC	DFN
TD541S-41L3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-41L5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-42H3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 3.3VDC	DFN
TD541S-42H5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 5VDC	DFN
TD541S-42L3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-42L5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-43H3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 3.3VDC	DFN
TD541S-43H5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 5VDC	DFN
TD541S-43L3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-43L5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-44H3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 3.3VDC	DFN
TD541S-44H5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	High 5VDC	DFN
TD541S-44L3	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN
TD541S-44L5	digital isolator	4	YES	4.75-5.25VDC	150Mbps	Low	DFN

