



SYNCHRO/RESOLVER CARDS

PCI

SB-36240



(6) 1-arc-minute accurate input channels programmable for synchro or resolver feedback up to 90v LL, with on board ref sine oscillator.

www.ddc-web.com/SB-36240

USB

SB-36610



(2) 1-arc-minute accurate input channels programmable for synchro or resolver feedback up to 90v LL, with on-board ref sine oscillator.

www.ddc-web.com/SB-36610XUX

PCIe

SB-3623XKX

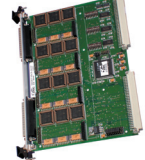


(6) 30-arc-seconds accurate output channels programmable for synchro or resolver output up to 90v LL with on board ref sine oscillator

www.ddc-web.com/SB-3623XKX

VME

SB-36110



(12) 1-arc-minute accurate input channels programmable for synchro or resolver feedback up to 90v LL.

www.ddc-web.com/SB-36110

PC-104

SB-36330



(4) 1-arc-minute accurate input channels programmable for synchro or resolver up to 90v LL

www.ddc-web.com/SB-36330C

SB-36320



(2) 1-arc-minute accurate output channels programmable for synchro or resolver output up to 11.8v LL.

www.ddc-web.com/SB-36320C

SB-36340



Mates with SB-36320 output card to create 2 synchro 90v magnetic isolated output channels

www.ddc-web.com/SB-36340C

SB-36350



5VA Reference sine oscillator with programmable options for 400 to 8191 Hz and 2 to 123v LL

www.ddc-web.com/SB-36350C

cPCI

SB-365XXTX

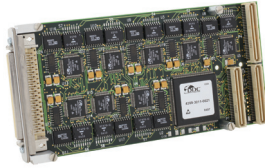


(3 to 9) 2-arc-minute accurate input channels and (6) 2-arc-minute accurate output channels programmable for synchro or resolver up to 90v LL.

www.ddc-web.com/SB-365XXTX

PMC

SB-36410

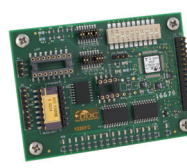


(8) 1-arc-minute accurate input channels programmable for synchro or resolver feedback up to 90v LL

www.ddc-web.com/SB-36410iX

DEVELOPMENT KITS

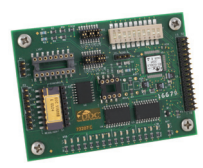
RD-19230EX



Easy on-card programmable features to start fast design-in's using RD-19230FX converters

www.ddc-web.com/RD-19230EX

RD-19240EX



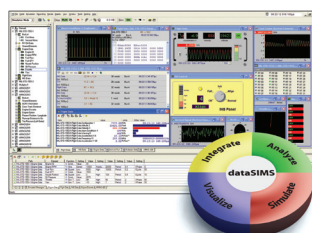
Easy on-card programmable features to start fast design-in's using RD-19240FS converters

www.ddc-web.com/RD-19240EX

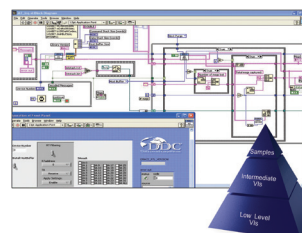
Synchro / Resolver Graphical Analyzer/ Simulator



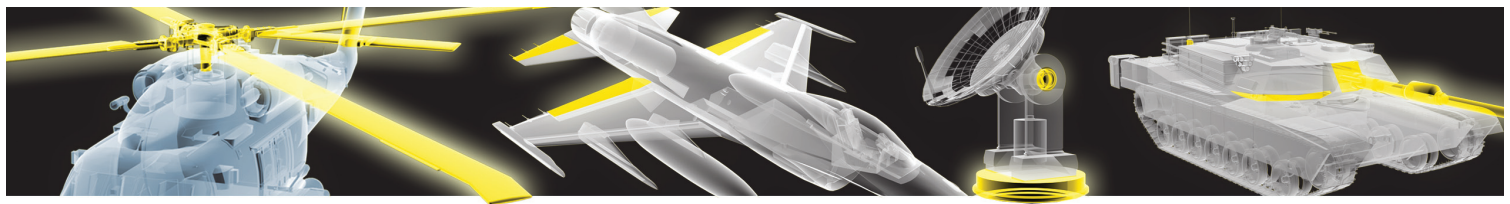
dataSIMS Synchro / Resolver Angle Position Indication and Simulation Software



Synchro / Resolver LabVIEW® Support Package



**Drivers
and
User API Libraries
for
Windows® and Linux®**



If It Moves... Position It With

Synchro, Resolver, RVDT, LVDT, Hall and MR Outputs to Digital Conversion

For ordering assistance
and technical support,
contact DDC:

1-800-DDC-5757

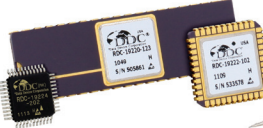
631-567-5600

service@ddc-web.com

www.ddc-web.com

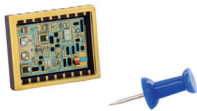
RESOLVER TO DIGITAL CONVERTERS

High Reliability Feedback Conversion for Extreme Conditions

	 	 	 
	RD-19230FX	RDC-19220/2/4 & RDC-19220/2S	RD-19240
Accuracy (Arc-Minute)	1	2	8
Resolution (Bit)	Programmable: 10, 12, 14, 16	Programmable: 10, 12, 14, 16	Programmable: 10, 12, 14
Bandwidth	Dual / Programmable	Single / Programmable	Dual / Programmable
Data Output	Parallel & AquadB	Parallel	Parallel & AquadB
Synthesized Reference	Permissible Synchro/Resolver Phase Shift up to 45°	Optional Permissible Synchro/Resolver Phase Shift up to 45°	Permissible Synchro/Resolver Phase Shift up to 45°
Power Supply	+5V Only	+5V Only	+5V Only
Packages/Size	MQFP Lead & RoHS Lead Free Versions 0.52" X 0.52" X 0.1" (13.2mm X 13.2mm X 2.5mm)	DIP, J-Lead, MQFP Lead & RoHS Lead Free Versions 0.394" X 0.394" X 0.1" (10.0mm X 10.0mm X 2.5mm)	MQFP, LPCC Lead & RoHS Lead Free Versions 0.35" X 0.35" X 0.039" (8.9mm X 8.9mm X 1.0 mm)
Temperature	-40°C to +85°C	-55°C to +125°C	-55°C to +125°C
Complete Info →	www.ddc-web.com/RD-19230	www.ddc-web.com/RDC-19220	www.ddc-web.com/RD-19240

REFERENCE OSCILLATORS

REFERENCE FREQUENCY FOR RESOLVERS & SYNCHROS

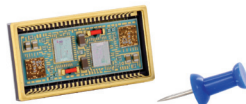


- Programmable Frequency 400 Hz to 20 kHz, scalable voltage (OSC-15801/2)
- Second Quadrature Reference Output Voltages for Inductosyn Applications
- RAD tolerant version (OSC-15803)

www.ddc-web.com/OSC-15801

API (1 to 3 Inputs)

CONVERT SYNCHRO OR RESOLVER SIGNALS TO DIGITAL DATA

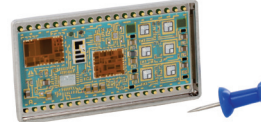


- Accuracy to 1 Arc-Minute
- Pin Programmable Synchro/Resolver Input Option and 14-Bit or 16-Bit Resolution
- -55°C to +125°C (Operating)
- SD-14531 (1 Ch), SD-14620 (2 Ch), SDC-14610 (3 Ch)

www.ddc-web.com/SD-14531

SIM (1 to 2 Outputs)

CONVERTS DIGITAL ANGLE DATA TO ANALOG SYNCHRO OR RESOLVER SIGNALS



- 7 VA Drive Capability for CT, CDX, or TR Loads (DSC-10510)
- 16-Bit Resolution
- Up to 2 Minute Accuracy
- 2 Channel (DRC-11522)

www.ddc-web.com/DSC-10510

BOOSTER

BOOST SYNCHRO SIGNALS UP TO 25 VA



- 90 V, 60 or 400 Hz Synchro Outputs
- Very High Efficiency: Deriving power from reference
- Protected against short circuits, overloading, transients, temperature, reference supply shutdown, and EMI

www.ddc-web.com/SBA-3500X