



IDT Technology Limited

萬威 科研 有限公司

## BWR102 TECHNICAL DESCRIPTION

### A: CIRCUIT OPERATION:

- 1: WEIGHT SENSOR, ANALOG-TO-FREQUENCY CONVERTER,CPU PROCESSING
- 2: WIDEBAND TRANSMITTER
- 3: SAW STABILIZED FREQUENCY CONTROL
- 4: STEP-TO-TRANSMIT OPERATION
- 5: ON-OFF KEYING MODULATION

### B: COMPONENT DESCRIPTION:

CATEGORY	NUMBER	NAME	DESCRIPTION
WEIGHT BRIDGE	LC569012	LOAD CELL	WEIGHT SENSOR (X 4)
INTEGRATED CIRCUIT	LMV324 A-B	OPERATIONAL AMPLIFIER	LOAD CELL SIGNAL AMPLIFIER
INTEGRATED CIRCUIT	CD4066	ANALOG SWITCHES	SWITCH DIFFERENT LOAD CELL SIGNAL TO THE A-F CONVERTER
INTEGRATED CIRCUIT	LMV324 C-D	OPERATIONAL AMPLIFIER	DUAL SLOPES ANALOG-TO FREQUENCY CONVERTER
INTEGRATED CIRCUIT	HT49C50	CPU	MICROCONTROLLER
INTEGRATED CIRCUIT	LP2985	VOLTAGE REGULATOR	REGULATOR FOR LCD
INTEGRATED CIRCUIT	XC6230	VOLTAGE REGULATOR	REGULATOR FOR RF TRANSMITTER
INTEGRATED CIRCUIT	HT96LC46	EEPROM	EEPROM FOR USER ID STORAGE
SAW RESONATOR	KAR433	SAW RESONATOR	SAW RESONATOR FOR FREQUENCY STABILIZATION
TRANSISTOR	MMBR911LT1	RF TRANSISTOR	TRANSISTOR FOR TRANSMITTER

